

Radio

# AMATEUR

Call Book Magazine

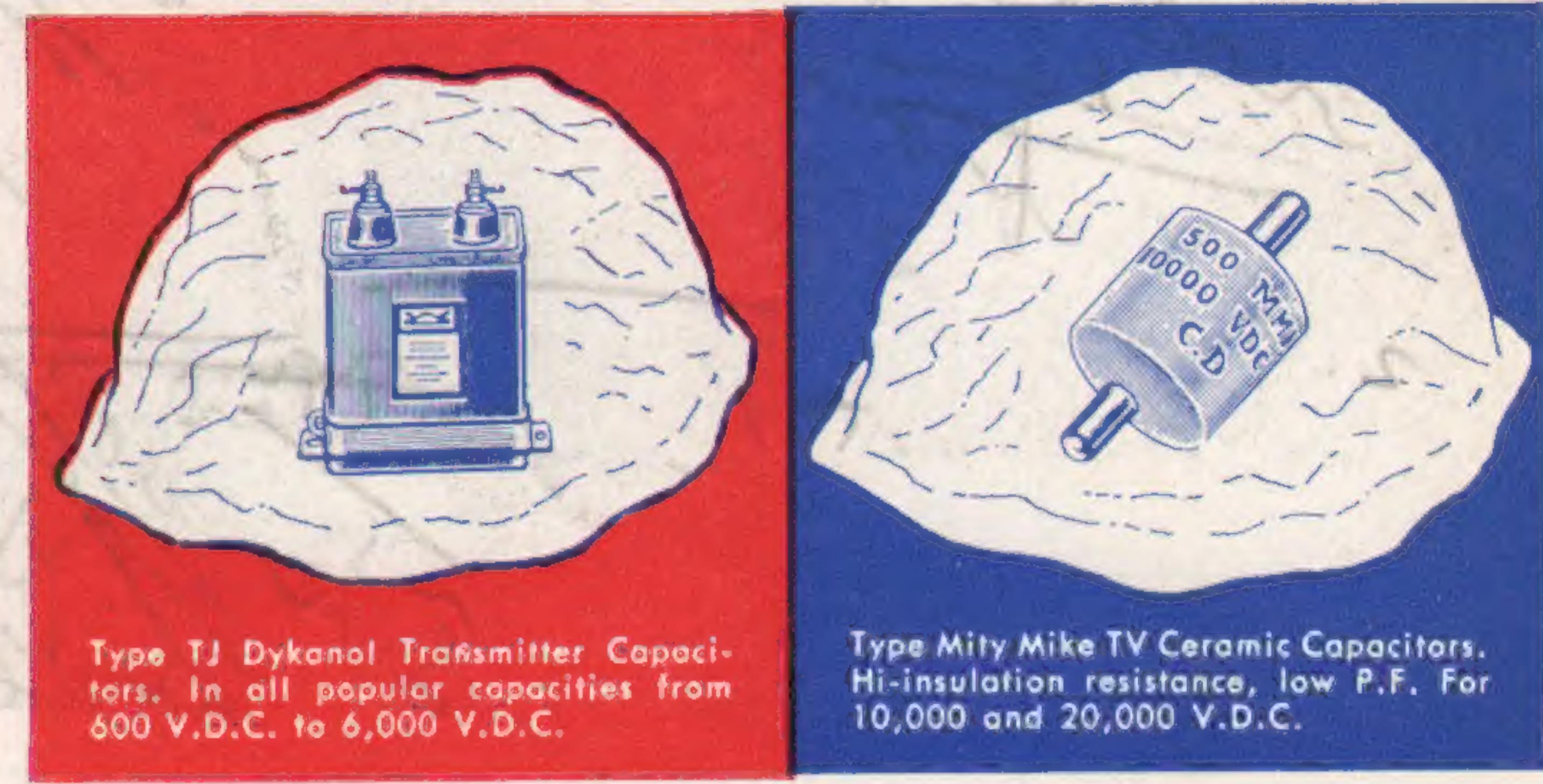
**\$3<sup>00</sup>**  
Foreign  
**\$3<sup>25</sup>**



**FALL 1952**

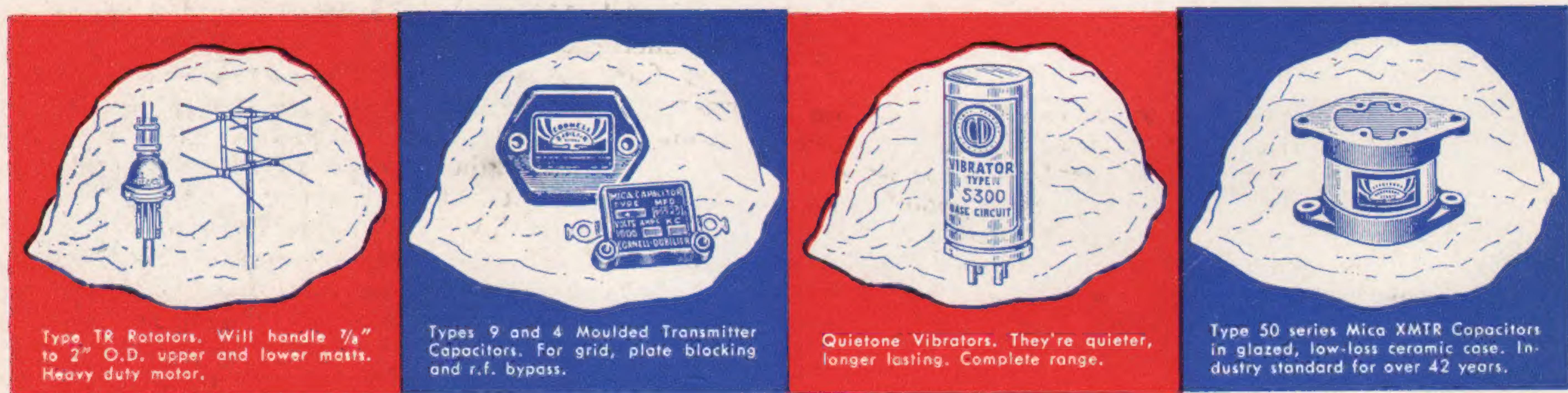
Why Take a Chance?

You  
know  
what's under  
these  
shells... *consistently dependable*



Type TJ Dykanol Transmitter Capacitors. In all popular capacities from 600 V.D.C. to 6,000 V.D.C.

Type Mity Mike TV Ceramic Capacitors. Hi-insulation resistance, low P.F. For 10,000 and 20,000 V.D.C.



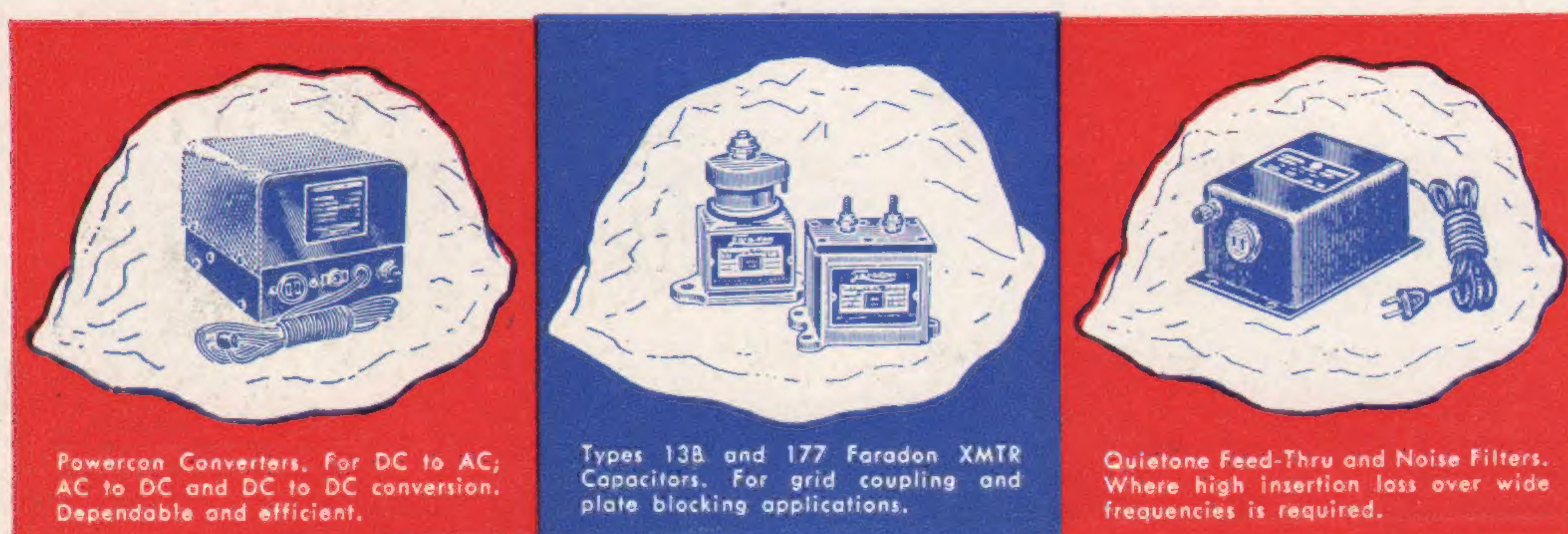
Type TR Rotators. Will handle 7/8" to 2" O.D. upper and lower masts. Heavy duty motor.

Types 9 and 4 Molded Transmitter Capacitors. For grid, plate blocking and r.f. bypass.

Quietone Vibrators. They're quieter, longer lasting. Complete range.

Type 50 series Mica XMTR Capacitors in glazed, low-loss ceramic case. Industry standard for over 42 years.

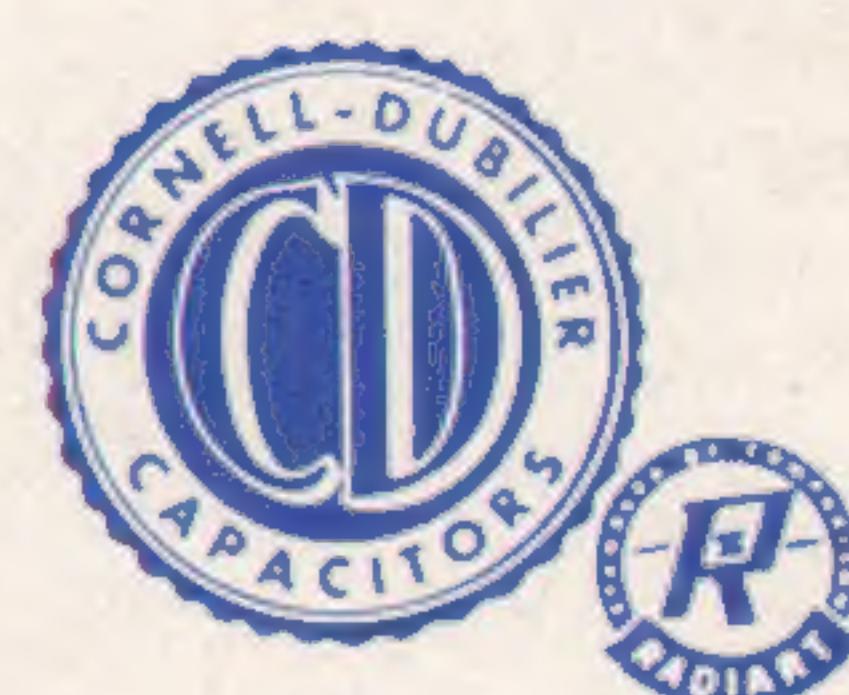
**Cornell-Dubilier & Faradon Products**



Powercon Converters. For DC to AC, AC to DC and DC to DC conversion. Dependable and efficient.

Types 138 and 177 Faradon XMTR Capacitors. For grid coupling and plate blocking applications.

Quietone Feed-Thru and Noise Filters. Where high insertion loss over wide frequencies is required.



*Faradon*

Catalog No. 200d available on request

CORNELL-DUBILIER ELECTRIC CORPORATION

Dept. JH92, South Plainfield, N. J.

Plants in South Plainfield, N. J.; New Bedford, Worcester and Cambridge, Mass.; Providence, R. I.; Indianapolis, Ind.; Fuquay Springs, N. C.; and subsidiary, the Radiart Corp., Cleveland, O.

Lt. Col. Fred J. Elser  
in his ham shack



LT. COL. FRED J. ELSE

820 John's Road, Augusta, Georgia, 21 June, 1952

Mr. R. Bellew  
Collins Radio Co.  
Cedar Rapids, Ia.

Dear Dick:

I received my 32V-3 on 4 April, 1952 and connected it through my 35C-2 filter with RG8/U coax to the Harrison Antenna coupler bought for use with my old 32V-1 in Turkey. This gives me good loading to my 100' Inverted "L" Marconi Antenna, 30' high, on all bands 10 through 80 meters. Grounding is accomplished by means of 3/8" copper braid to the house copper water pipe system. On Sunday, 6 April, with the assistance of W4EZU, W4HRR, and W4RVE, all also members of the Augusta Radio Club's TVI Committee, tests were performed on my neighbor's TV installation, which is a 4-stack bi-conical rotary beam, 50' from my antenna, feeding thence into the Dumont T.V. Receiver. On no band, including 10 X phone, could my signals be detected while

tuning for WSB-TV on Channel 2, or for WBT-TV on Channel 3. Each of these stations is located approximately 150 airline miles from here, in Atlanta and Charlotte, respectively. A Drake 300 ohm "Hi-pass" filter was placed in the TV antenna leadin, but was really not necessary. I might mention that while testing on Channel 2, with full gain on the TV receiver and preamp, the WSB-TV signal was so weak that the set would not "lock" on it. A strong TV signal in this locality will only run about 50 UV.

As you know, I had complete success with your 32V-1/75A-1 combination in Turkey, and on being ordered to this location knew my 2 Kilowatt rigs (homemade) would never be satisfactory under prevailing TV conditions here. Your 32V-3 (with 35C-2 filter) and 75A2 allow me to continue my 35 years as an active ham.

Thankfully,

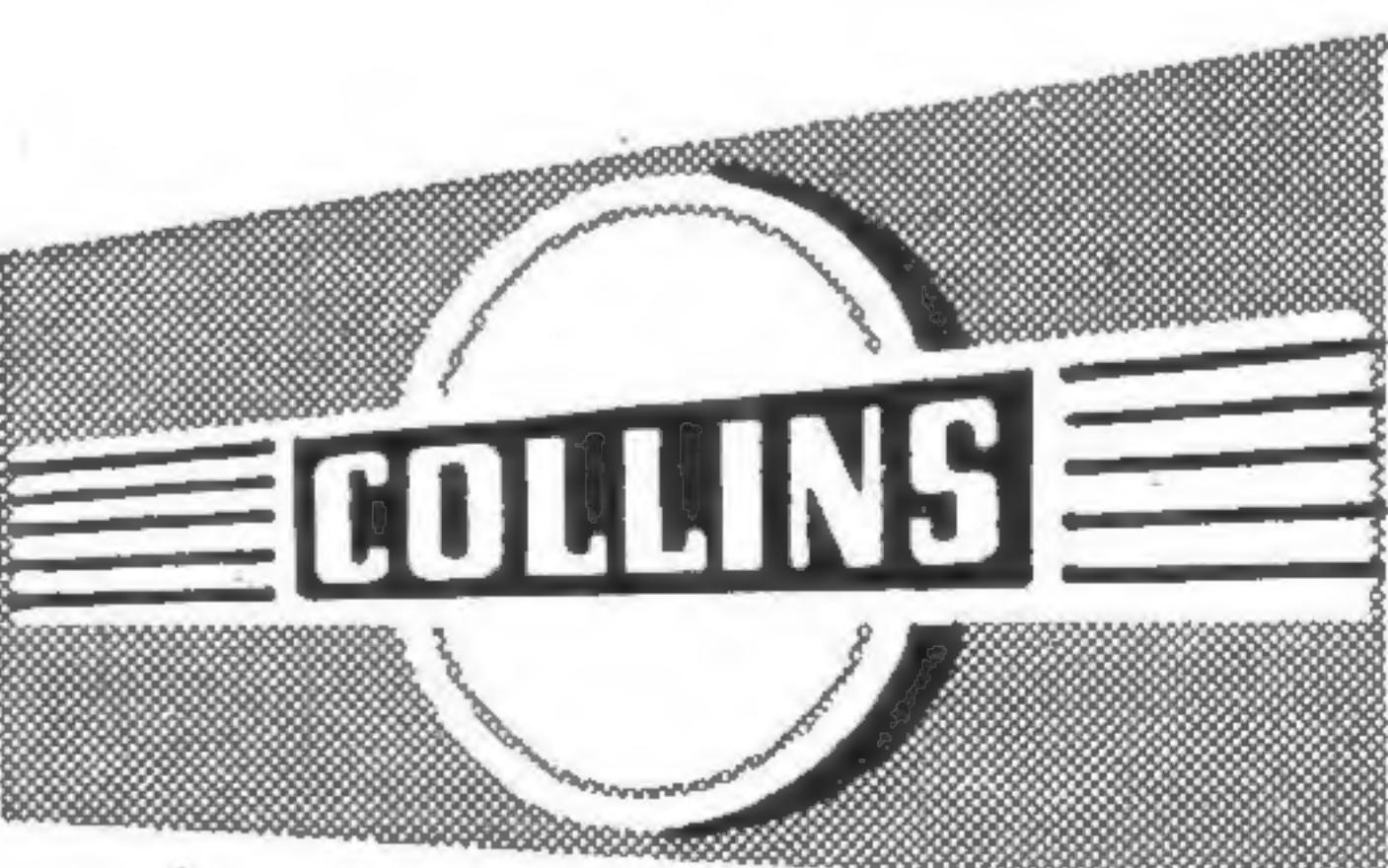
/s/ FRED

For excellence in amateur communications, it's . . .

**COLLINS RADIO COMPANY, Cedar Rapids, Iowa**

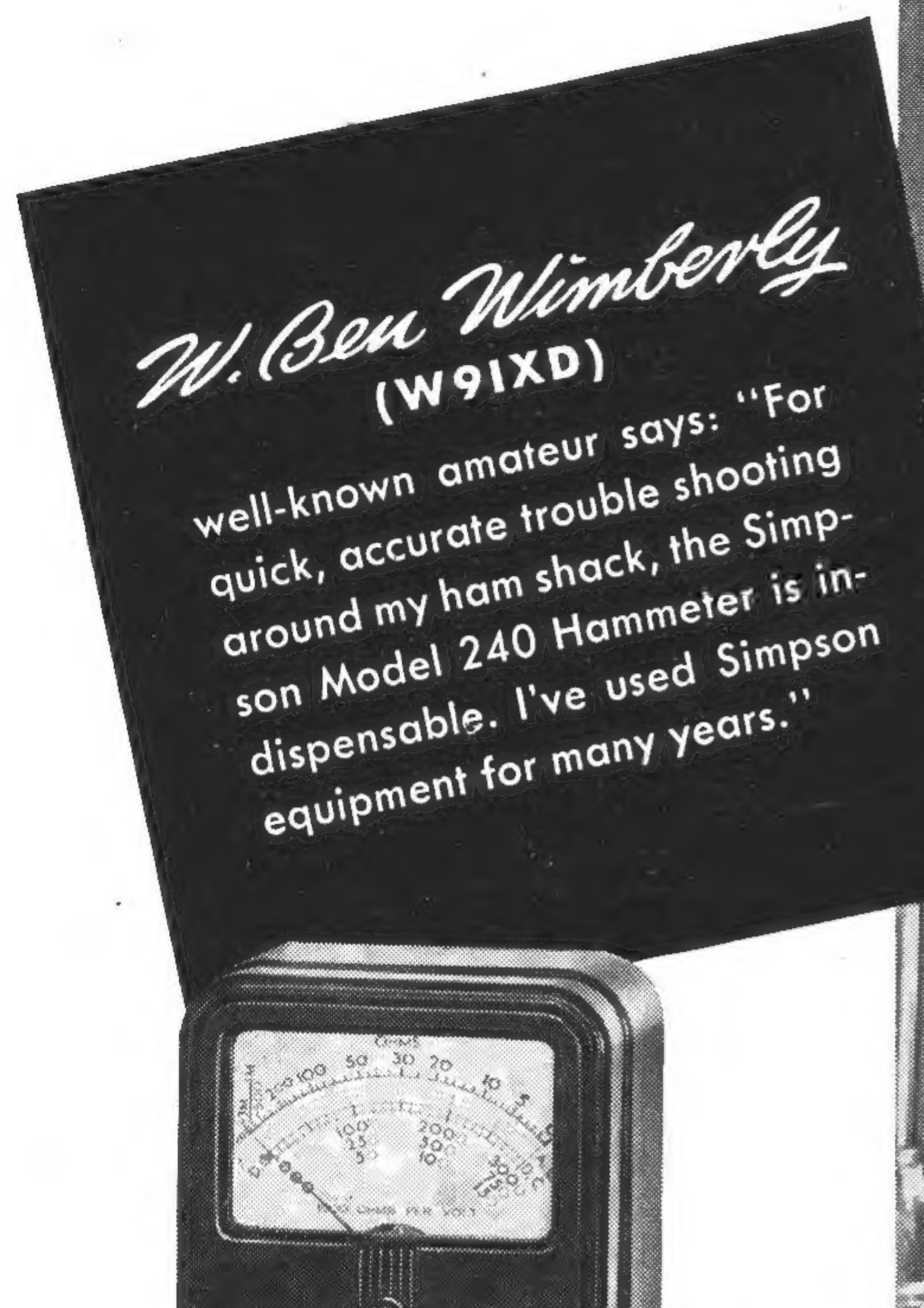
11 W. 42nd St., NEW YORK 18

1930 Carpenter Blvd., DALLAS 2



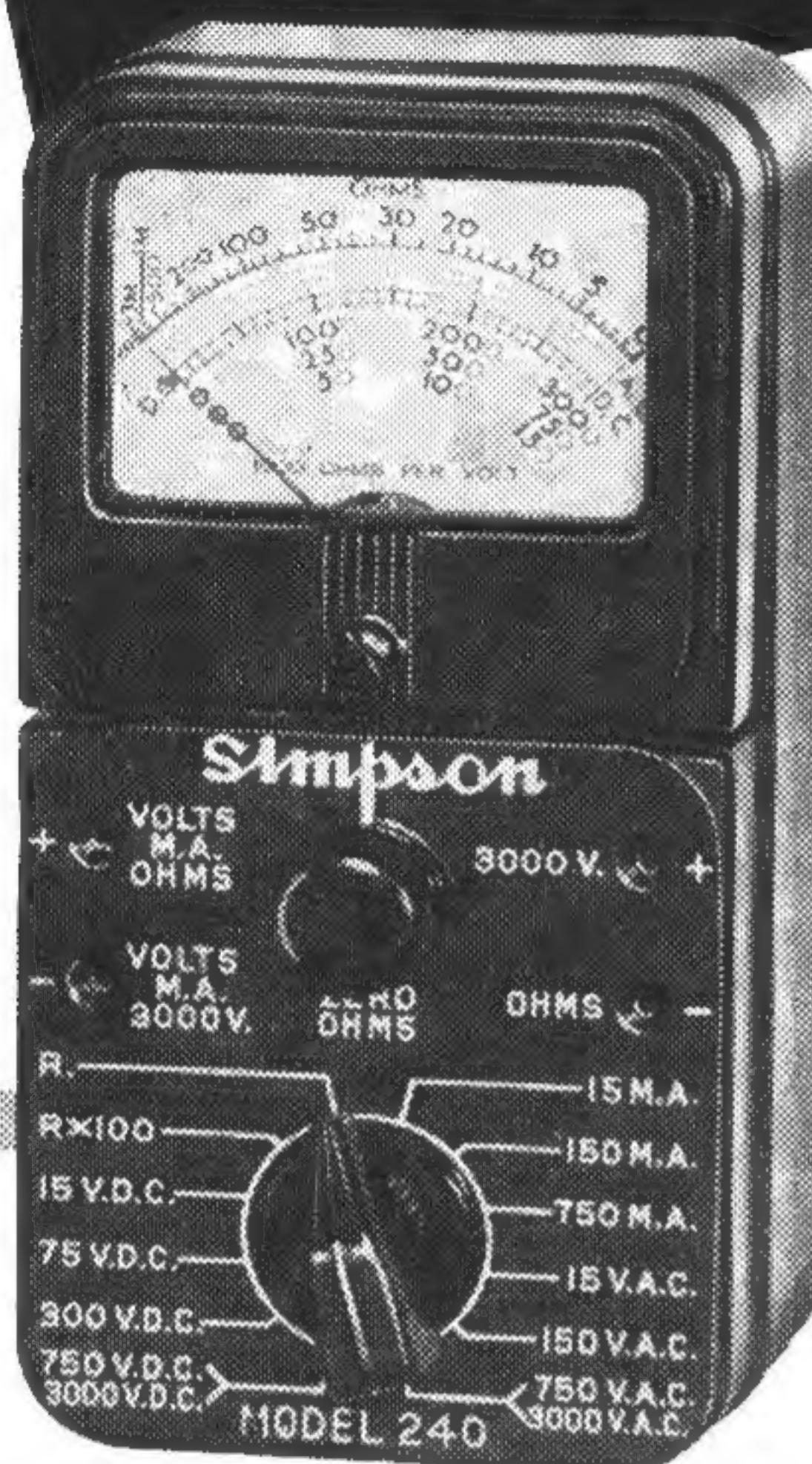
2700 W. Olive Ave., BURBANK





*W. Ben Wimberly  
(W9IXD)*

well-known amateur says: "For quick, accurate trouble shooting around my ham shack, the Simpson Model 240 Hammeter is indispensable. I've used Simpson equipment for many years."



**RANGES: Model 240**

**AC VOLTS:** 0-15, 150, 750, 3000 (1000 ohms per volt)

**DC VOLTS:** 0-15, 75, 300, 750, 3000 (1000 ohms per volt)

**DC MILLIAMPERES:** 0-15, 150, 750

**OHMS:** 0-3000 (center scale 30) 0-300,000 (center scale 3000)

**ACCURACY:** DC 3%—AC 5%

**SIZE:** 3" x 5 1/8" x 2 1/2".

**WEIGHT:** 1 1/4 lbs.

**SHIPPING WEIGHT:** 2 1/2 lbs.

**AMATEUR'S NET PRICE . . . . .** \$24.60  
Leatherette Case . . . . . 5.00



**WORLD FAMOUS SIMPSON HAMMETER  
IS FIRST WITH RADIO AMATEURS**

The famous 240 Hammeter—named by the radio "ham"—is world renowned for its ruggedness and accuracy. It was designed for the additional voltage and sensitivity required in radio testing.

A favorite with "hams" because of its maximum voltage range of 3000 AC or DC, the 240 was the first self-contained pocket portable built expressly to check high voltage and all component parts of transmitters and receivers.



A worthy companion of the Hammeter is the Model 230 volt-ohm-milliammeter, with a maximum voltage of 1000 AC or DC. Its ranges are adequate for most line voltages, for telephone, teletype, and general purpose testing.

**RANGES: Model 230**

**AC VOLTS:** 0-10, 250, 1000 (400 ohms per volt)

**DC VOLTS:** 0-10, 50, 250, 1000 (1000 ohms per volt)

**DC MILLIAMPERES:** 0-10, 50, 250

**OHMS:** 0-1000, 0-100,000

**ACCURACY:** DC 3%—AC 5%

**SIZE:** 3" x 5 1/8" x 2 1/2"

**WEIGHT:** 1 1/4 lbs.

**SHIPPING WEIGHT:** 3 lbs.

**AMATEUR'S NET PRICE . . . . .** \$23.40

Leatherette Case . . . . . 5.00

**Simpson**  
INSTRUMENTS THAT STAY ACCURATE

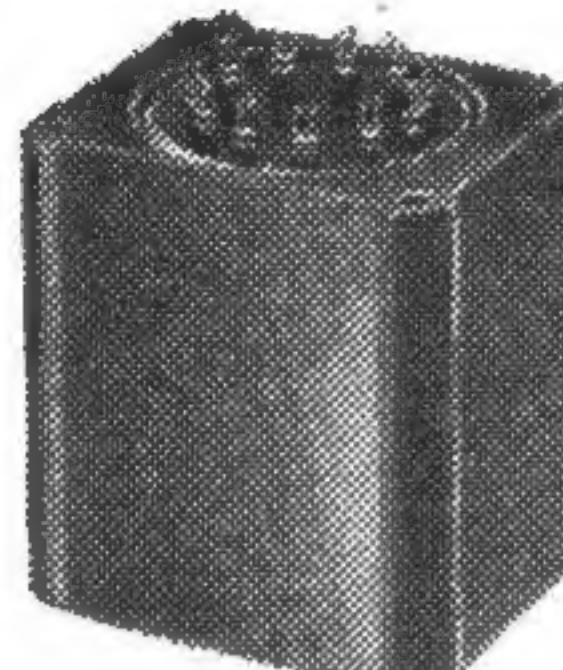
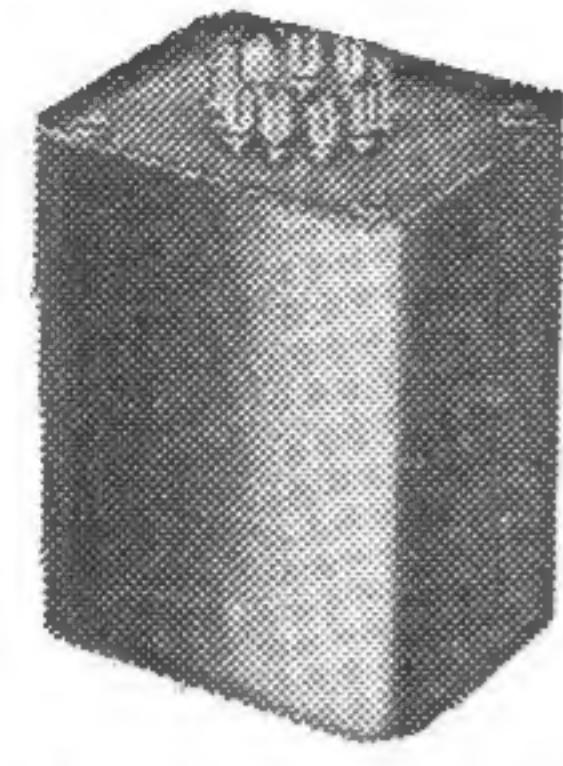
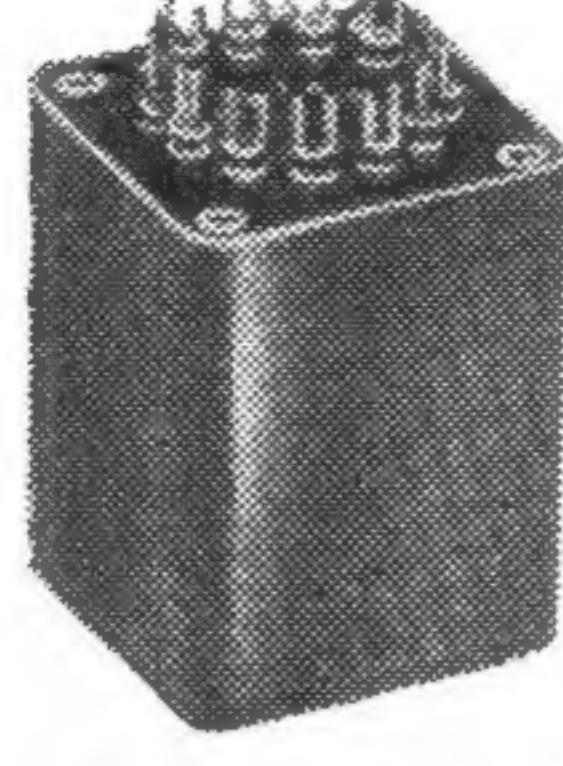
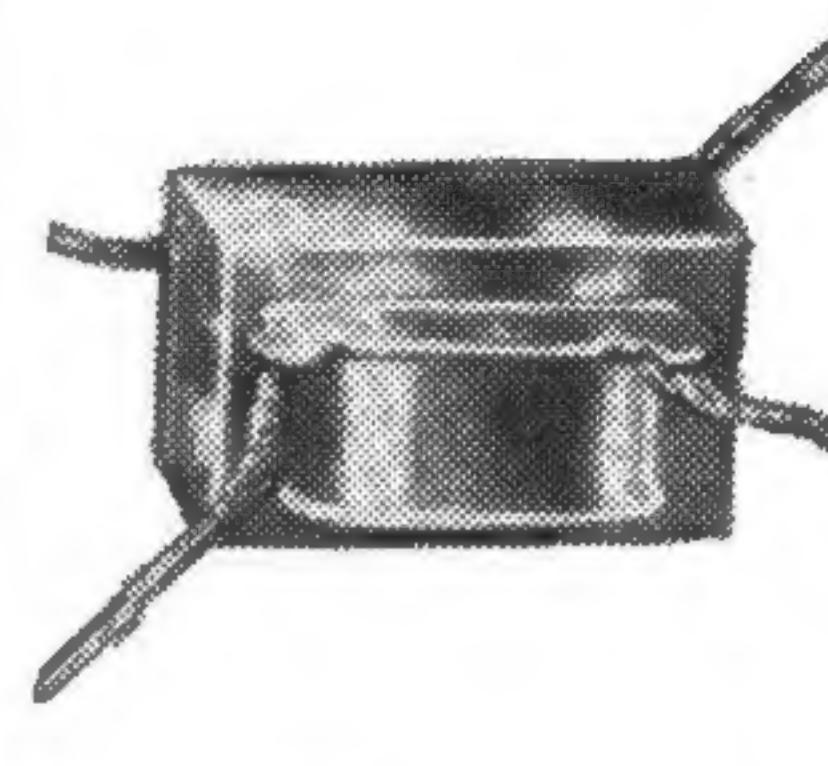
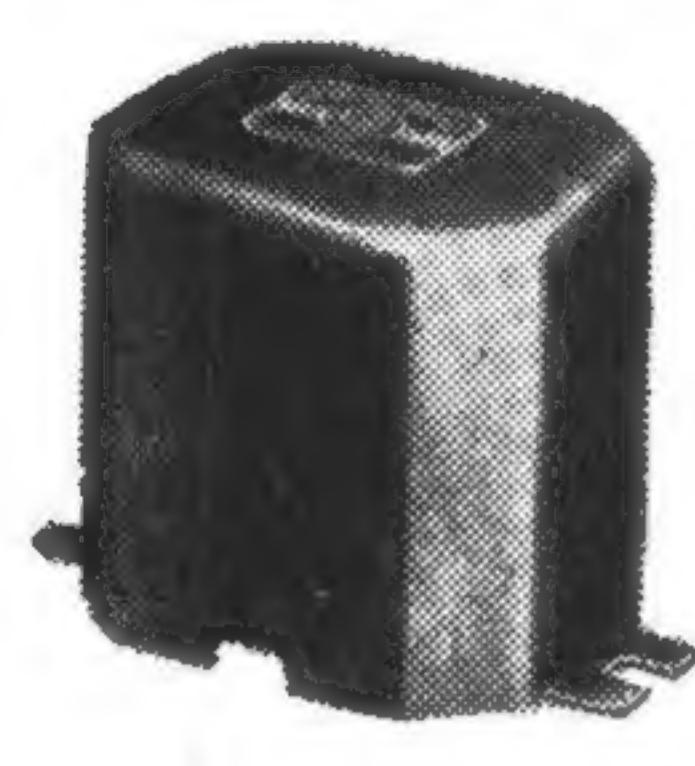
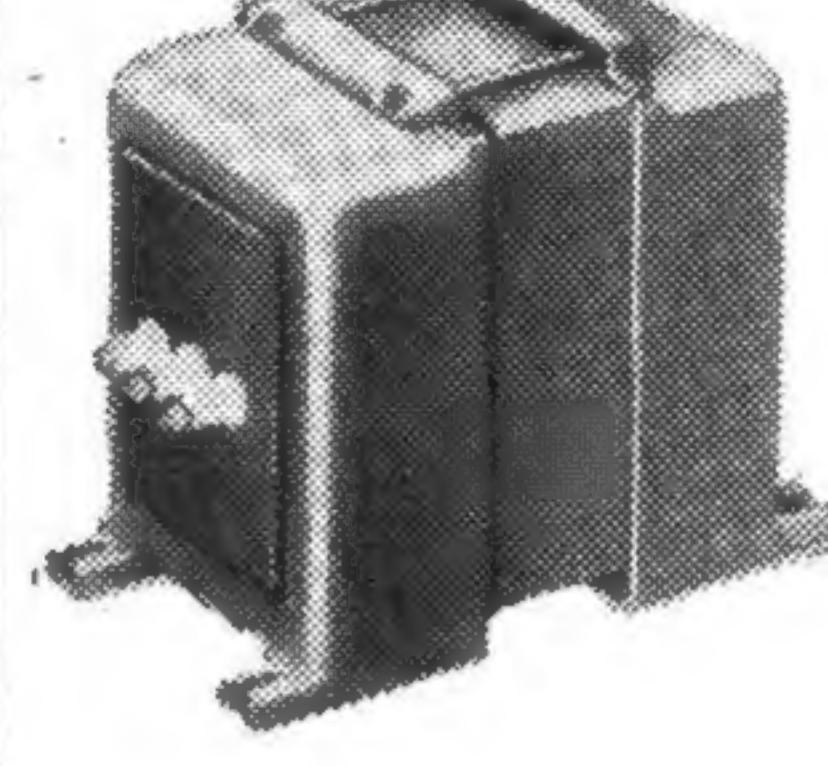
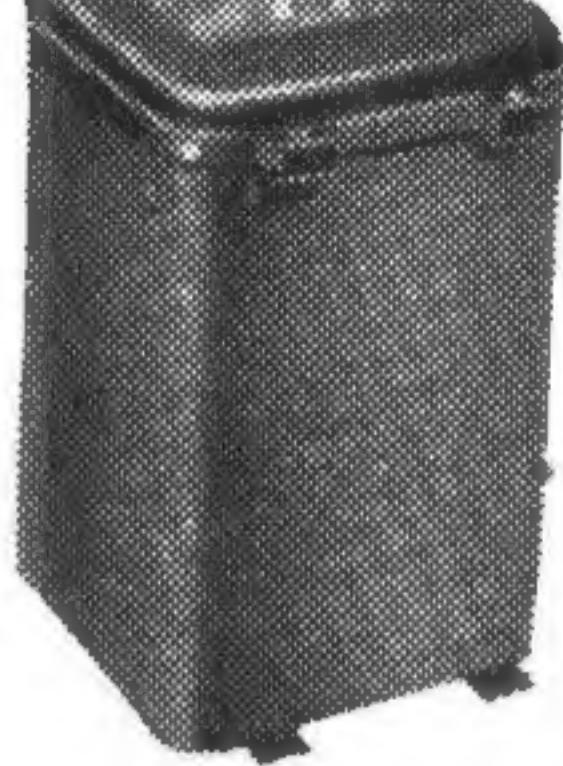
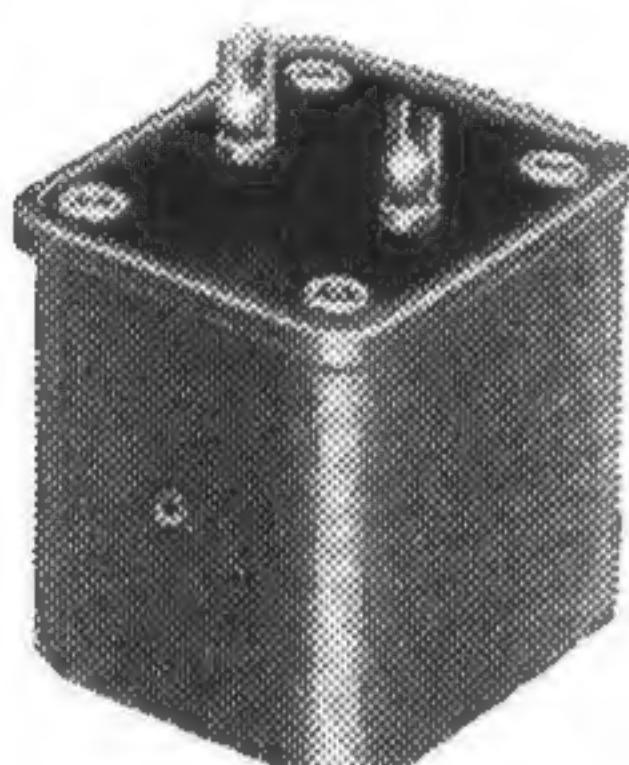
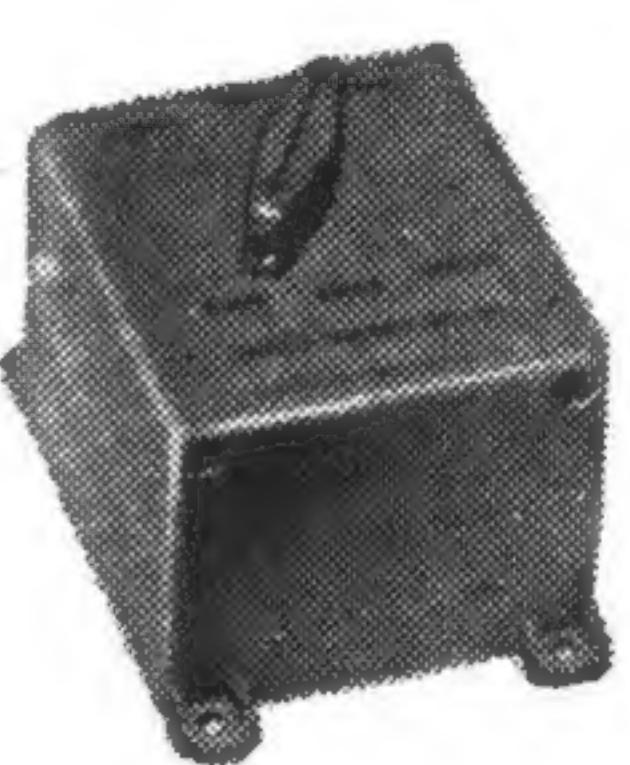
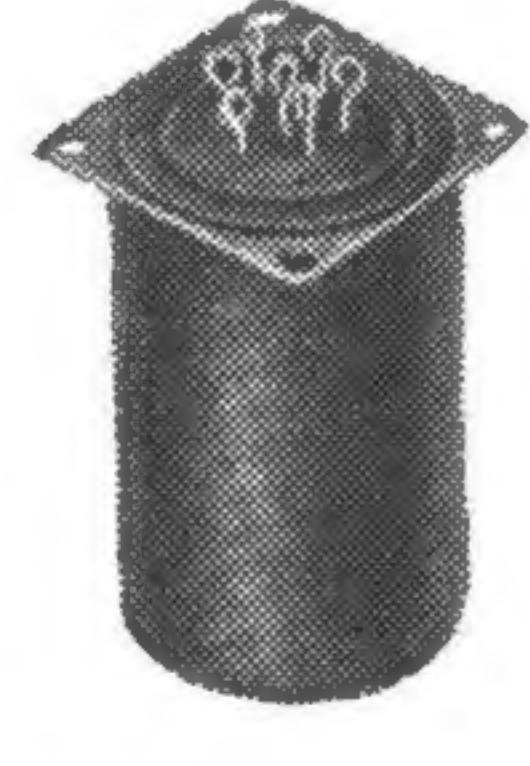
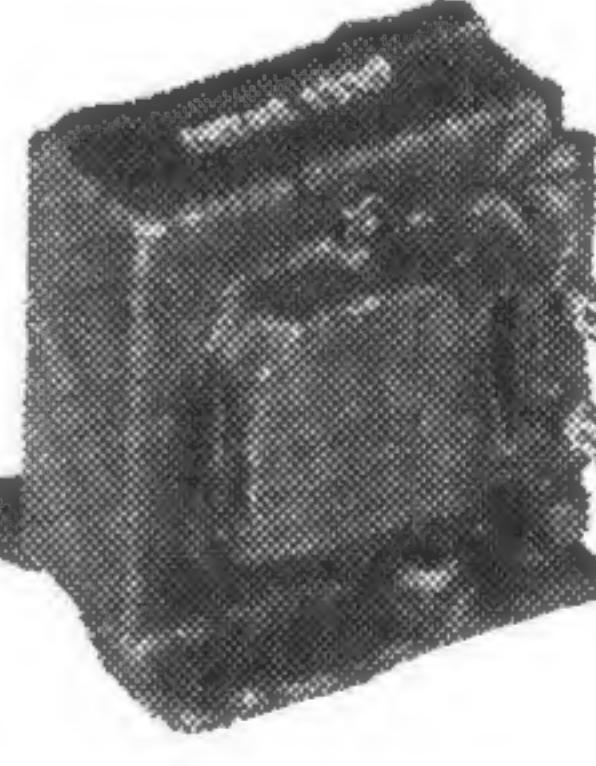
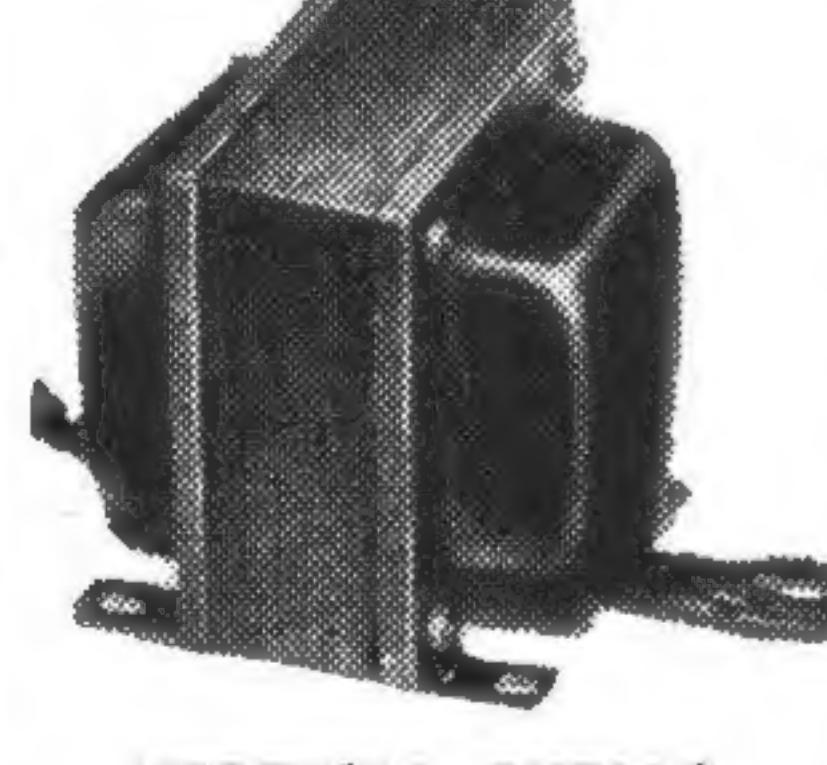
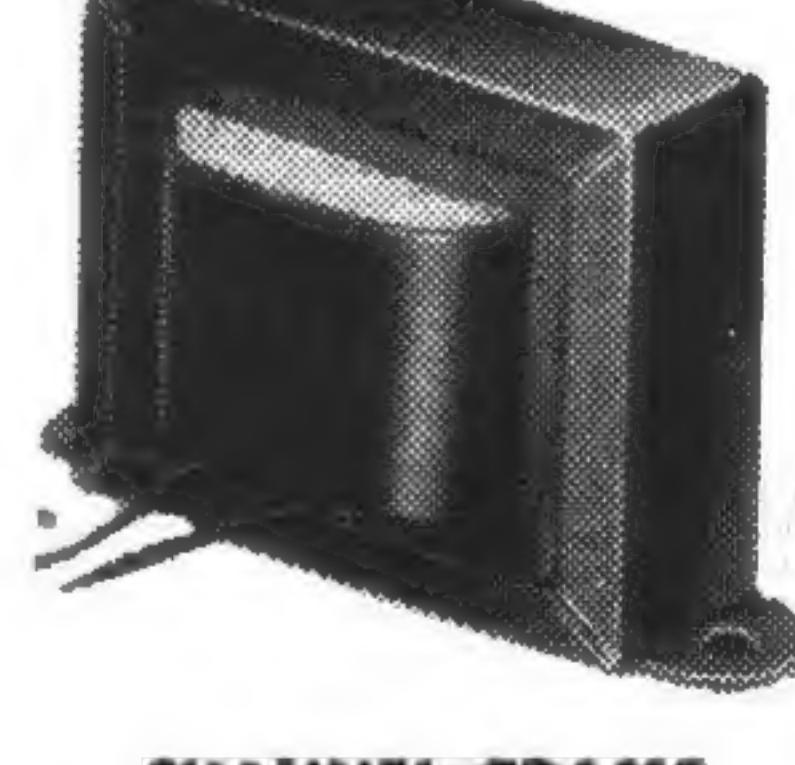
**SIMPSON ELECTRIC COMPANY**

5200-18 WEST KINZIE STREET, CHICAGO 44, ILLINOIS

In Canada: Bach-Simpson Ltd., London, Ontario



## COMPONENTS FOR EVERY APPLICATION

				
<b>LINEAR STANDARD</b> High Fidelity Ideal	<b>HIPERM ALLOY</b> High Fidelity . . . Compact	<b>ULTRA COMPACT</b> Portable . . . High Fidelity	<b>OUNCER</b> Wide Range . . . 1 ounce	<b>SUB OUNCER</b> Weight $\frac{1}{3}$ ounce
				
<b>COMMERCIAL GRADE</b> Industrial Dependability	<b>SPECIAL SERIES</b> Quality for the "Ham"	<b>POWER COMPONENTS</b> Rugged . . . Dependable	<b>VARITRAN</b> Voltage Adjustors	<b>MODULATION UNITS</b> One watt to 100KW
				
<b>VARIABLE INDUCTOR</b> Adjust like a Trimmer	<b>TOROID HIGH Q COILS</b> Accuracy . . . Stability	<b>TOROID FILTERS</b> Any type to 300KC	<b>MU-CORE FILTERS</b> Any type $\frac{1}{2}$ - 10,000 cyc.	<b>EQUALIZERS</b> Broadcast & Sound
				
<b>PULSE TRANSFORMERS</b> For all Services	<b>HERMETIC COMPONENTS</b> Ceramic Terminals	<b>HERMETIC COMPONENTS</b> Glass Terminals	<b>GRADE 3 JAN</b> Components	<b>CABLE TYPE</b> For mike cable line
				
<b>VERTICAL SHELLS</b> Husky . . . Inexpensive	<b>REPLACEMENT</b> Universal Mounting	<b>STEP-DOWN</b> Up to 2500W . . . Stock	<b>LINE ADJUSTORS</b> Match any line voltage	<b>CHANNEL FRAME</b> Simple . . . Low cost

*United Transformer Co.*

150 VARICK STREET

NEW YORK 13, N.Y.

EXPORT DIVISION: 13 EAST 40TH STREET, NEW YORK 16, N.Y. CABLES: "ARLAB"



## POLYETHYLENE DIELECTRIC RG TYPE COAXIAL CABLES

Here are the answers to your questions about coaxial cable,—from Amphenol's engineering radio amateurs. Use this chart for your own design work and to answer the questions of fellow hams. And, for continuity, minimum loss and assurance of lasting performance—specify Amphenol Cable!

STANDARD JACKET		LOW TEMP. BLACK JACKET		IMPEDANCE IN OHMS	O. D. OF ARMOR	JACKET DIAM- ETER	VINYL JACKET	SHIELDS 1st 2nd	O. D. OF DIELECTRIC	INNER CONDUCTOR	V. P. PER CENT	CAP. MMFD /FT.	MAX. OPER. VOLTS-RMS
MILITARY NUMBER RG-/U	AMPHENOL NUMBER	SIGNAL CORPS NUMBER RG-/U	AMPHENOL NUMBER										
5	21-001			52.5		.332	Black	C C	.185	16	65.9	28.5	3000
5A	21-271	58	21-294	50		.328	Grey	S S	.181	16S	65.9	29	3000
6	21-002	6A	21-330	76		.332	Grey	S C	.185	21CW	65.9	20	2700
7	21-003			97		.370	Black	C —	.250*	19	84	12.5	1000
8	21-004	8A	21-290	52		.405	Black	C —	.285	7/21	65.9	29.5	4000
9	21-005			51		.420	Grey	S C	.280	7/21S	65.9	30	4000
9A	21-231	9B	21-332	51		.420	Grey	S S	.280	7/21S	65.9	30	4000
10	21-006	10A	21-338	52	.475	.405	Grey	C —	.285	7/21	65.9	29.5	4000
11	21-007	11A	21-296	75		.405	Black	C —	.285	7/26T	65.9	20.5	4000
12	21-008	12A	21-340	75	.475	.405	Grey	C —	.285	7/26T	65.9	20.5	4000
13	21-009	13A	21-334	74		.420	Black	C C	.280	7/26T	65.9	20.5	4000
14	21-010	14A	21-336	52		.545	Grey	C C	.370	10	65.9	29.5	5500
15	21-011			76		.545	Black	C C	.370	15CW	65.9	20	5000
17	21-013	17A	21-298	52		.870	Grey	C —	.680	.188	65.9	29.5	11000
18	21-014	18A	21-300	52	.945	.870	Grey	C —	.680	.188	65.9	29.5	11000
19	21-015	19A	21-303	52		1.120	Grey	C —	.910	.250	65.9	29.5	14000
20	21-016	20A	21-305	52	1.195	1.120	Grey	C —	.910	.250	65.9	29.5	14000
21	21-017	21A	21-308	53		.332	Grey	S S	.185	16N	65.9	29	2700
22	21-038			95		.405	Black	T —	.285	Two 7/.0152	65.9	16	1000
22A	21-148	22B	21-310	95		.420	Grey	T T	.285	Two 7/.0152	65.9	16	1000
29	21-018			53.5		.184	Poly	T —	.116	20	65.9	28.5	1900
34	21-019	34A	21-429	71		.625	Black	C —	.455	7/21	65.9	21.5	5200
35	21-020	35A	21-311	71	.945	.870	Grey	C —	.680	9	65.9	21.5	10000
42	21-021			78		.342	Grey	S S	.196	21N	65.9	20	2700
54A	21-022			58		.250	Poly	T —	.178	7/.0152	65.9	26.5	3000
55	21-023			53.5		.206	Poly	T T	.116	20	65.9	28.5	1900
57	21-039	57A	21-313	95		.625	Black	T —	.472	Two 7/21	65.9	17	3000
58	21-024			53.5		.195	Black	T —	.116	20	65.9	28.5	1900
58A	21-199	58C	21-316	50		.195	Black	T —	.116	19/.0068	65.9	29	1900
59	21-025	59A	21-291	73		.242	Black	C —	.146	22CW	65.9	21	2300
62	21-026	62A	21-318	93		.242	Black	C —	.146*	22CW	84	13.5	750
63	21-027	63B	21-320	125		.405	Black	C —	.285*	22CW	84	10	1000
71	21-029			93		.250	Poly	T T	.146*	22CW	84	13.5	750
74	21-041	74A	21-321	52	.615	.545	Grey	C C	.370	10	65.9	29.5	5500
79	21-070	79B	21-325	125	.475	.405	Black	C —	.285*	22CW	84	10	1000
83	21-180			35		.405	Black	C —	.240	10	65.9	44	2000
89	21-253			125		.632	Black	C —	.285*	22CW	84	10	1000
108	21-261	108A	21-327	76		.235	Black	T —	.073Ea.	Two 7/28		23	1000
111	21-255	111A	21-329	95	.490	.420	Grey	T T	.285	Two 7/.0152	65.9	16	1000
	21-125			71		.870	Grey	C —	.680	9	65.9	21.5	10000
114	21-440			185		.405	Black	C —	.285*	33CW	86	6.5	1000
122	21-441			50		.160	Black	T —	.096	27/36T	65.9	29.3	1900
		125	21-442	150		.600		C —	.460*	26CW	84	7.8	1000
130	21-436			95		.625	Black	T —	.472	Two 7/21	65.9	17	3000
131	21-437			95	.710	.625	Black	T —	.472	Two 7/21	65.9	17	3000

\*Semi-solid dielectric      C—Copper      CW—Copperweld      S—Silvered copper      T—Tinned copper      N—Nichrome

OHMS      35 OHMS      OHMS      50 to 58 OHMS      OHMS      71 to 78 OHMS      OHMS      90 to 185 OHMS

# INTERNATIONAL RADIO AMATEUR PREFIXES

The following prefixes are listed in alphabetical order for convenience in locating the country when DX calls are heard.

AC3	SIKKIM	KG6	MARIANA ISLANDS (Guam)	VK	AUSTRALIA
AC4	TIBET	KG61	IWO JIMA ISLAND	VK7	TASMANIA
AG2	TRIESTE (American)	KG6S	SAIPAN ISLAND	VK9	PAPUA TERRITORY
AP	PAKISTAN	KG6T	TINIAN ISLAND	VO	NEWFOUNDLAND & LABRADOR
C	CHINA	KH6	HAWAIIAN ISLANDS	VP1	BRITISH HONDURAS
CE	CHILE	KJ6	JOHNSTON ISLAND	VP2	LEEWARD & WINDWARD ISLANDS
CM-CO	CUBA	KL7	ALASKA	VP3	BRITISH GUIANA
CN2	TANGIER ZONE	KM6	MIDWAY ISLAND	VP4	TRINIDAD & TOBAGO IS.
CN8	FRENCH MOROCCO	KP4	PUERTO RICO	VP5	JAMAICA, CAYMAN, TURKS & CAICOS IS.
CP	BOLIVIA	KP6	PALMYRA & JARVIS ISLANDS	VP6	BARBADOS
CR4	CAPE VERDE ISLANDS	KR6	OKINAWA	VP7	BAHAMA ISLANDS
CR5	PORTUGUESE GUINEA	KS4	SWAN ISLAND	VP8	FALKLAND ISLANDS
CR6	ANGOLA	KS6	U. S. SAMOA		South Georgia, South Orkney and South Shetland Islands.
CR7	MOZAMBIQUE	KV4	VIRGIN ISLANDS	VP9	BERMUDA ISLANDS
CR8	GOA (Portuguese India)	KW6	WAKE ISLAND	VQ1	ZANZIBAR
CR9	MACAU	KX6	MARSHALL ISLANDS	VQ2	NORTHERN RHODESIA
CR10	TIMOR ISLAND (Port.)	KZ5	CANAL ZONE	VQ3	TANGANYIKA TERRITORY
CT1	PORTUGAL	LA	NORWAY	VQ4	KENYA
CT2	AZORES ISLANDS	LU	ARGENTINA	VQ5	UGANDA
CT3	MADERIA ISLANDS	LX	LUXEMBOURG	VQ6	BRITISH SOMALILAND
CX	URUGUAY	LZ	BULGARIA	VQ8	CHAGOS & MAURITIUS ISLANDS
DL	GERMANY	MB9	AUSTRIA	VQ9	SEYCHELLES
DU	PHILIPPINE ISLANDS	MD4	SOMALIA	VR1	GILBERT ELICE & OCEAN ISLANDS
EA	SPAIN	MD5	SUEZ CANAL ZONE	VR2	FIJI ISLANDS
EA6	BALEARIC ISLANDS	MD6	IRAQ	VR3	FANNG ISLAND
EA8	CANARY ISLANDS	MF2	TRIESTE (British)	VR4	SOLOMON ISLANDS
EA9	SPANISH MOROCCO	MI3	ERITREA	VR5	TONGA (Friendly) ISLAND
EL	IRELAND	MP4	BAHREIN IS. & OMAN	VR6	PITCAIRN ISLAND
EL	LIBERIA	OA	PERU	VS1	SINGAPORE
EQ	IRAN (ex Persia)	OH	FINLAND	VS2	MALAYAN UNION
ET	ETHIOPIA	OE	AUSTRIA	VS4	BRITISH NORTH BORNEO
F	FRANCE	OD5	LEBANON	VS5	BRUNEI & SARAWAK
FA	ALGERIA	ON	CZECHOSLOVAKIA	VS6	HONG KONG
FB8	MADAGASCAR	OQ5	BELGIUM	VS7	CEYLON
FC	CORSICA	OX	BELGIAN CONGO	VS9	ADEN & SOCOTRA ISLANDS
FD8	FRENCH TOGOLAND	OY	GREENLAND	VU	INDIA
FE8	FRENCH CAMEROONS	OZ	FAEROES ISLANDS	VU4	LACCADIVE ISLANDS
FF8	FRENCH WEST AFRICA	PA, PI	DENMARK	VUS	ANDAMAN ISLANDS
FG8	GUADELOUPE	PJ	NETHERLANDS	W	UNITED STATES
FI8	FRENCH INDO-CHINA	PK1, 2, 3	NETH. WEST INDIES	XE	MEXICO
FKS	FRENCH-AUSTRIA	PK4	JAVA	XZ	BURMA
FK8	NEW CALEDONIA	PK5	SUMATRA	YA	AFGHANISTAN
FL8	FRENCH SOMALILAND	PK6	BORNEO (Neth. Indies)	YI	IRAQ
FM8	MARTINIQUE	PK7	CELEBES & MOLUCCA ISLANDS	YJ	NEW HEBRIDES
FN	FRENCH INDIA	PK7	NETHERLAND NEW GUINEA	YK	SYRIA
FO8	TAHITI	PX	ANDORRA	YN	NICARAGUA
FP8	MIQUELON & ST. PIERRE IS.	PY	BRAZIL	YO	ROUMANIA
FQ8	FRENCH EQUATORIAL AFRICA	PZ	SURINAM	YS	SALVADOR
FR8	REUNION ISLAND	SM	SWEDEN	YT, YU	YUGOSLAVIA
FU8	NEW HEBRIDES	SP	POLAND	YV	VEZUELA
FY7	FRENCH GUIANA	ST	SUDAN	ZA	ALBANIA
G	ENGLAND	SU	EGYPT	ZB1	MALTA
GC	CHANNEL ISLANDS	SV	CRETE & GREECE	ZB2	GIBALTAR
GD	ISLE OF MAN	SV5	DODECANESE ISLANDS	ZC1	TRANSJORDAN
GI	NORTHERN IRELAND	TA	TURKEY	ZC2	COCOS ISLANDS
GM	SCOTLAND	TF	ICELAND	ZC3	CHRISTMAS ISLAND
GW	WALES	TG	GUATEMALA	ZC4	CYPRUS
HA	HUNGARY	TI	COSTA RICA	ZD1	SIERRA LEONE
HB	SWITZERLAND	TT	TANNU TUVA	ZD2	NIGERIA
HC	ECUADOR	UAI1-3-4-6	EUROPEAN RUSSIAN SOCIALIST FEDERATED SOVIET REPUBLIC	ZD3	GAMBIA
HEI	LIECHTENSTEIN	UA9-Ø	ASIATIC RUSSIAN S. F. S. R.	ZD4	GOLD COAST & TOGOLAND
HH	HAITI	UB5	UKRAINE	ZD6	NYASALAND
HI	DOMINICAN REPUBLIC	UC5	WHITE RUSSIAN S.S.R.	ZD7	SAINT HELENA
HK	COLOMBIAN REPUBLIC	UD6	AZERBAIJAN	ZD8	ASCENSION ISLAND
HL1	KOREA	UF6	GEORGIA	ZD9	TRISTAN DA CUNHA
HP	PANAMA	UG6	ARMENIA	ZE	SOUTHERN RHODESIA
HR	HONDURAS	UH8	TURKOMAN	ZK1	COOK ISLANDS
HS	SIAM	UI8	UZBEK	ZK2	NIUE
HV	VATICAN CITY	UJ8	TADZHIK	ZL	NEW ZEALAND
HZ	SAUDI ARABIA	UL7	KAZAKH	ZM	WESTERN SAMOA
I	ITALY	UMB	KIRGHIZ	ZP	PARAGUAY
K	UNITED STATES	UN1	KARELO-FINNISH REPUBLIC	ZS	UNION OF SOUTH AFRICA
KA	JAPAN	UO5	MOLDAVIA	3A2	MONACO
KB6	BAKER, CANTON, ENDERBURY, HOWLAND & PHOENIX ISLANDS	UP	LITHUANIA	3V8	TUNISIA
KC4	ANTARCTICA	UQ	LATVIA	4X4	ISRAEL
KC6	CAROLINE ISLANDS	UR	ESTONIA	5A2	LIBYA
KG4	GUANTANAMO BAY, CUBA	VE	CANADA	9S4	SAARLAND



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Henry Radio stores in Butler, Missouri and Los Angeles, California have complete stocks of all Collins amateur equipment for immediate delivery. Also complete stocks of all other amateur receivers, transmitters, and parts. I promise you lowest prices, more complete stocks, quicker delivery, easier terms and more generous trade-ins. I give you 10-day free trial and 90-day free service. You will be satisfied on every detail. Write, wire, phone or visit either store today.

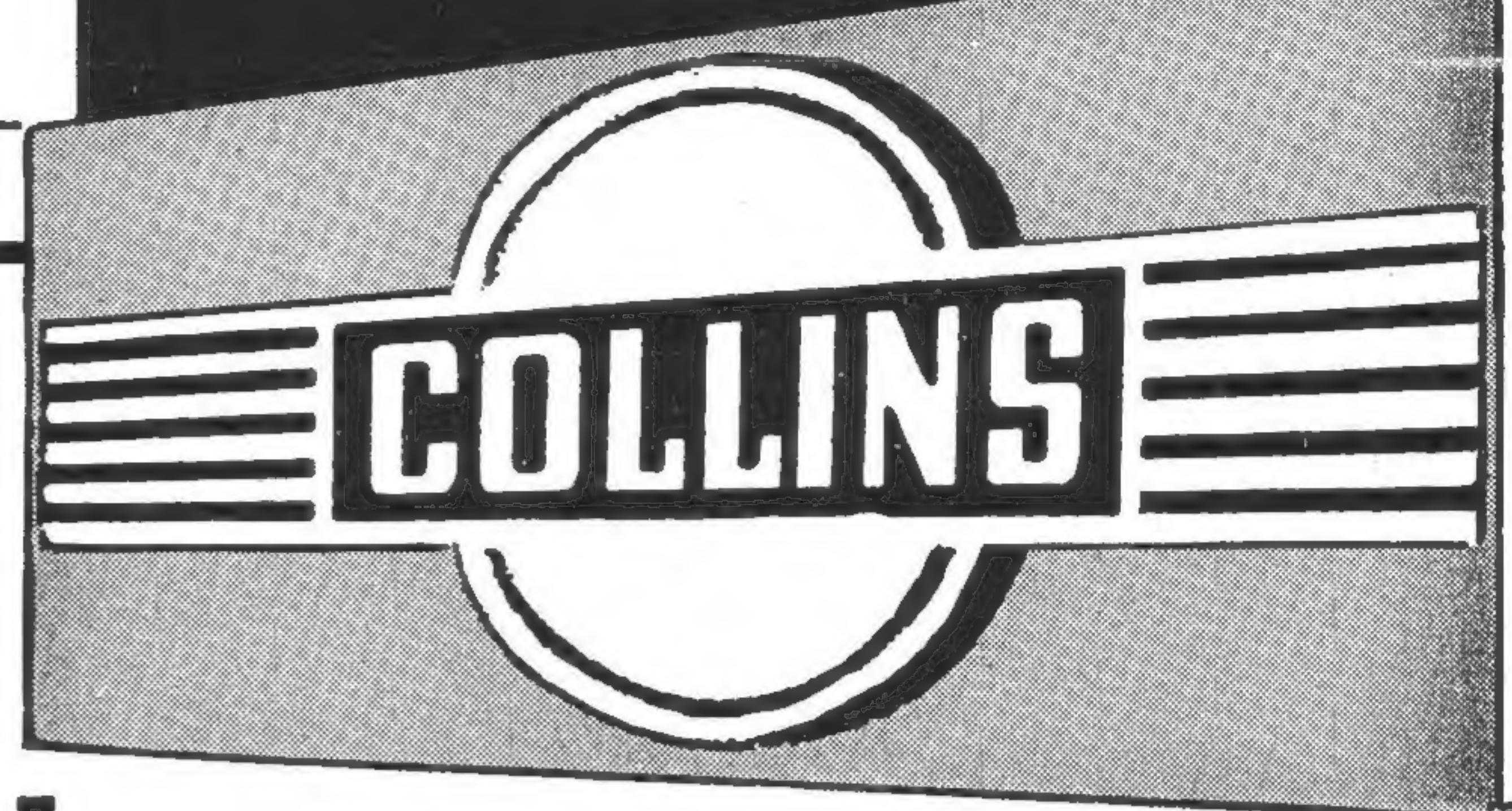
*Bob Henry  
W9ARA*

### A FEW ITEMS WE STOCK ARE:

Hallicrafter S53A	\$79.95; S38C	\$ 49.50
Hallicrafter S76	\$169.50; S40B	99.95
Hallicrafter S72L	\$119.95; S72	109.95
Hallicrafter SX71	\$199.50; R46	19.95
Hallicrafter SX73	\$975.00; SX62	289.50
Hallicrafter HT20	xmitter	449.00
National SW54		49.95
National NC125		149.50
National NC183D		369.50
National HRO Sixty		483.50
Hammarlund SP600JX	\$985.00; HQ129X	199.50
Johnson VFO kit (wired)	\$17.00	42.75
Johnson mobile xmitter		99.50
Johnson Viking II and tubes		279.50
Gonset xmitter	\$124.50; Gonset Triband	47.60
Morrow 3BR	\$64.95; 2BR \$54.95; 1BR	44.95
Elmac A54H	\$149.00; Elmac A54	139.00
Harvey-Wells Deluxe	\$137.50; Senior	111.50
Lysco 600S	\$189.95; Lysco 600	143.95

Some prices higher on west coast

Gonset, Stancor, Millen, National, Hallicrafters, RME, Bud, Vibroplex, Monkey, B & W, Johnson, RCA, Hy-Lite, Workshop, Elincor, Jensen, Eimac, UTC, Thordarson, Astatic, Turner, Bliley; I have everything for the amateur.



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Collins 32V3 xmitter	775.00
Collins KW1 xmitter	3850.00
Collins 32V3 xmitter	775.00
Collins 35C2 filter	40.00

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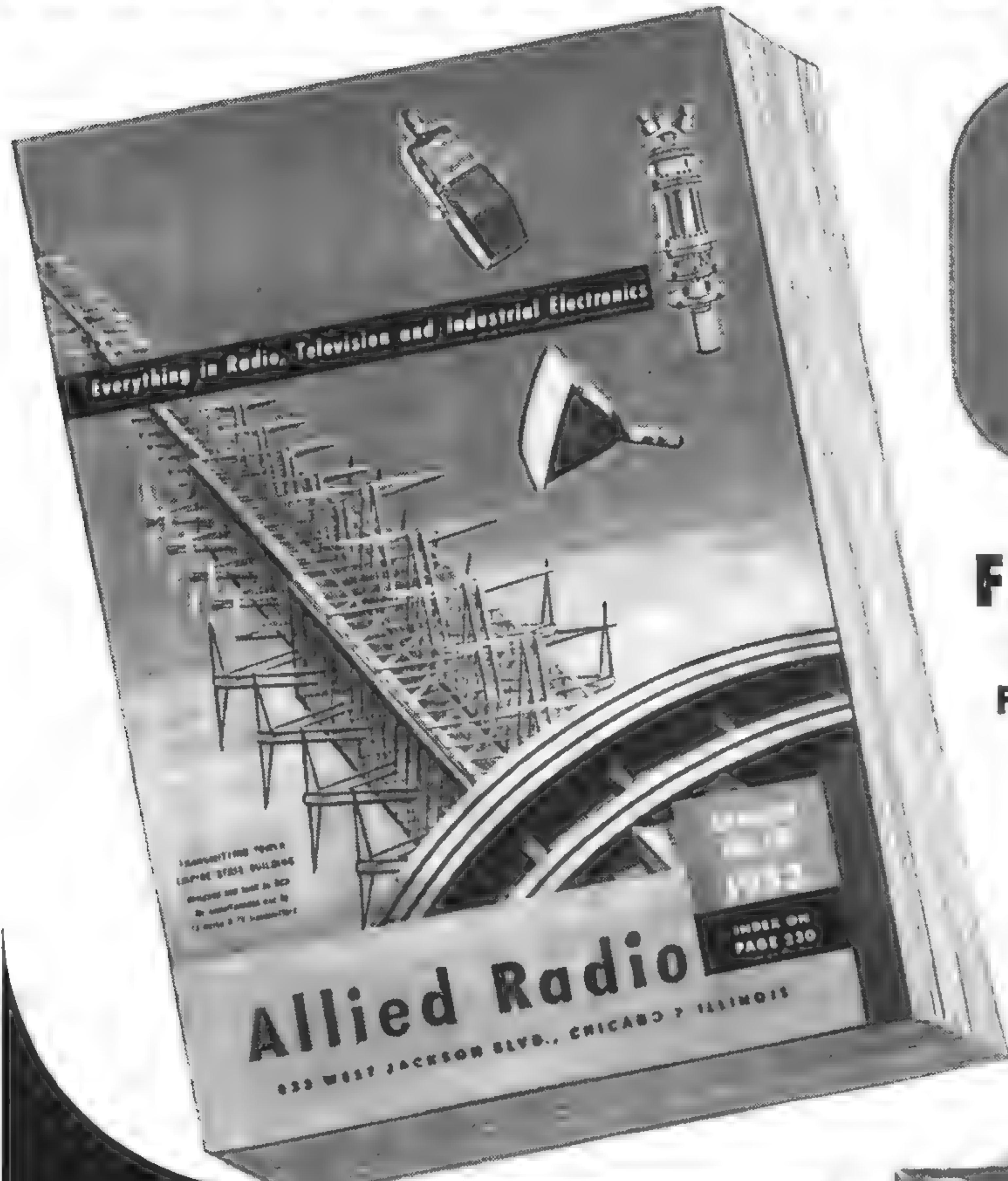
"WORLD'S LARGEST DISTRIBUTORS OF SHORT WAVE RECEIVERS"

# PREFIXES—BY COUNTRIES

The following countries listed in alphabetical order by country show international radio amateur prefixes. Characters in ( ) designate the continent and zone in which the country is located. Abbreviations are as follows: A—Asia, AF—Africa, E—Europe, NA—North America, O—Oceania, SA—South America.

ADEN	(A-21)	VS9	GUADELOUPE	(NA-8)	FG8	RHODESIA, NORTHERN	(AF-36)	VQ2
AFGHANISTAN	(A-21)	YA	GUAM	(O-27)	KG6	RHODESIA, SOUTHERN	(AF-38)	ZE
ALASKA	(NA-1)	KL7	GUANTANAMO BAY	(NA-8)	KG4	ROUMANIA	(E-20)	YO
ALBANIA	(E-15)	ZA	GUATEMALA	(NA-7)	IG	RYUKYU ISLANDS	(A25)	KR6
ALGERIA	(AF-33)	FA	GUIANA, BRITISH	(SA-9)	VP3	SAARLAND	(E-14)	9S4
ANDORRA	(E-14)	PX	GUIANA, FRENCH	(SA-9)	FY7	SAINT HELENA	(AF-36)	ZD7
ANGLO-EGYPTIAN SUDAN	(AF-34)	ST	GUIANA, NETHERLANDS	(SA-9)	PZ	SAIPAN ISLAND	(O-27)	KG6S
ANGOLA	(AF-36)	CR6	GUINEA, PORTUGUESE	(AF-35)	CR5	SALVADOR	(NA-7)	YS
ARGENTINA	(SA-13)	LU	HAITI	(NA-8)	HH	SAMOA (U.S.)	(O-32)	KS6
ASCENSION ISLAND	(AF-36)	ZD8	HAWAIIAN ISLANDS	(O-31)	KH6	SAMOA (Western)	(O-32)	ZM
AUSTRALIA	(O-29 & 30)	VK	HONDURAS	(NA-7)	HR	SARAWAK	(O-28)	VS
AUSTRIA	(E-15)	OE	HONG KONG	(A-24)	VS6	SAUDI ARABIA	(A-21)	HZ
AZORES ISLANDS	(E-14)	CT2	HOWLAND ISLAND	(O-31)	KB6	SCOTLAND	(E-14)	GM
BAHAMA ISLANDS	(NA-8)	VP7	HUNGARY	(E-15)	HA	SEYCHELLES	(AF-39)	VQ9
BAHREIN ISLANDS	(AF-21)	MP4	ICELAND	(E-40)	TF	SIAM	(A-26)	HS
BAKER ISLAND	(O-31)	KB6	INDIA	(A-21)	VU	SIERRA LEONE	(AF-35)	ZD1
BALEARIC ISLANDS	(E-14)	EA6	IRAN	(A-21)	EQ	SIKKIM	(A-22)	AC3
BARBADOS	(NA-8)	VP6	IRAQ	(A-21)	YI	SOCOTRA ISLAND	(AF-37)	VS9
BASUTOLAND	(AF-38)	ZS4	IRELAND	(E-14)	EI	SOLOMON ISLANDS	(O-28)	VR4
BELGIAN CONGO	(AF-36)	OQ	ISLE OF MAN	(E-14)	GD	SOMALILAND, British	(AF-37)	VQ6
BELGIUM	(E-14)	ON	ISRAEL	(A-20)	4X4	SOMALILAND, French	(AF-37)	FL8
BERMUDA ISLANDS	(NA-5)	VP9	ITALY	(E-15)	I	SOMALILAND, Italian	(AF-37)	15
BOLIVIA	(SA-10)	CP	IWO JIMA ISLAND	(O-25)	KG61	SOUTH GEORGIA	(SA-13)	VP8
BORNEO (Br. North)	(O-28)	VS4	JAMAICA	(NA-8)	VP5	SOUTH ORKNEY ISLANDS	(SA-13)	VP8
BORNEO (Neth. Indies)	(O-28)	PK5	JAN MAYEN ISLAND	(E-40)	OY	SOUTH SANDWICH ISLANDS	(SA-13)	VP8
BRAZIL	(SA-11)	PY	JAPAN	(A-25)	KA	SOUTH SHETLAND ISLANDS	(SA-13)	VP8
BRITISH HONDURAS	(NA-7)	VP1	JARVIS ISLAND	(O-31)	KP6	SOUTHWEST AFRICA	(AF-38)	ZS3
BRUNEI	(O-28)	VSS	JAVA	(O-28)	PK1, 2, 3	SOVIET UNION:		
BULGARIA	(E-20)	LZ	JOHNSTON ISLAND	(O-31)	KJ6	EUROPEAN RUSSIAN SOCIALIST		
BURMA	(A-26)	XZ	KENYA	(AF-37)	VQ4	FEDERATED SOVIET REP.	(E-16)	UA1, 3, 4, 6
CAMEROONS, British	(AF-36)	ZD2	KOREA	(A-25)	HL1	ASIATIC RUSSIAN S.F.S.R.	(A-18, 19)	UA9, φ
CAMEROONS, French	(AF-36)	FE8	LABRADOR	(NA-2)	VO	UKRAINE	(E-16)	UB5
CANADA	(NA-1 to 5)	VE	LACCADIVE ISLANDS	(A-22)	VU4	WHITE RUSSIAN S.S.R.	(E-16)	UC
CANAL ZONE	(NA-7)	K25	LEBANON REPUBLIC	(A-20)	OD5	AZERBAIJAN	(A-21)	UD6
CANARY ISLANDS	(AF-33)	EA8	LEEWARD ISLANDS	(NA-8)	VP2	GEORGIA	(A-21)	UF6
CANTON ISLAND	(O-31)	KB6	LIBERIA	(AF-35)	EL	ARMENIA	(A-21)	UG6
CAPE VERDE ISLANDS	(AF-35)	CR4	LIBYA	(AF-34)	5A2	TURKOMAN	(A-17)	UH8
CAROLINE ISLANDS	(O-27)	KC6	LIECHTENSTEIN	(E-14)	HE1	UZBEK	(A-17)	U18
CAYMAN ISLANDS	(NA-8)	VP5	LITTLE AMERICA	(SA-13)	KC4	TADZHIK	(A-17)	U18
CELEBES	(O-28)	PK6	LUXEMBOURG	(E-14)	LX	KAZAKH	(A-17)	UL7
CEYLON	(A-22)	VS7	MACAU	(A-24)	CR9	KIRGHIZ	(A-17)	UM8
CHAGOS ISLANDS	(AF-39)	VQ8	MADAGASCAR	(AF-39)	FB8	KARELO-FINNISH REP.	(E-16)	UN1
CHANNEL ISLANDS	(E-14)	GC	MADEIRA ISLANDS	(AF-33)	CT3	MOLDAVIA	(E-16)	UO5
CHILE	(SA-12)	CE	MALAYA	(A-28)	VS1, 2	LITHUANIA	(E-15)	UP
CHINA	(A-23 & 24)	C	MALDIVES ISLANDS	(A-22)	VS9	LATVIA	(E-15)	UQ
CHRISTMAS ISLAND	(O-31)	ZC3	MALTA	(E-15)	ZB1	ESTONIA	(E-15)	UR
COCOS ISLAND	(NA-7)	TI	MARIANAS ISLANDS	(O-27)	KG6	SPAIN	(E-14)	EA
COCOS ISLANDS	(O-29)	ZC2	MARSHALL ISLANDS	(O-31)	KX6	SUMATRA	(O-28)	PK4
COLOMBIA	(SA-9)	HK	MARTINIQUE	(NA-8)	FM8	SWAN ISLAND	(NA-7)	KS4
COOK ISLANDS	(O-32)	ZKI	MAURITIUS	(AF-39)	VQ8	SWEDEN	(E-14)	SM
CORSICA	(E-15)	FC	MEXICO	(NA-6)	XE	SWITZERLAND	(E-14)	HB
COSTA RICA	(NA-7)	TI	MIDWAY ISLAND	(O-31)	KM6	SYRIA	(A-20)	YK
CRETE	(E-20)	SV	MIQUELON ISLAND	(NA-5)	FP8	TANGANYIKA	(AF-37)	VQ3
CUBA	(NA-8)	CM, CO	MONACO	(E-14)	3A2	TANGIER ZONE	(AF-33)	CN2
CYPRUS	(A-20)	ZC4	MOROCCO, French	(AF-33)	CN	TANNU TUVA	(A-23)	TT
CZECHOSLOVAKIA	(E-15)	OK	MOROCCO, Spanish	(AF-33)	EA9	TIBET	(A-23)	AC4
DENMARK	(E-14)	OZ	MOZAMBIQUE	(AF-37)	CR7	TIMOR, Portuguese	(O-28)	CR10
DODECANESE ISLANDS	(E-20)	SV5	NETHERLANDS	(E-14)	PA	TINIAN ISLAND	(O-27)	KG6T
DOMINICAN REPUBLIC	(NA-8)	HI	NETHERLAND W. INDIES	(SA-9)	PJ	TOGOLAND, French	(AF-35)	FD8
ECUADOR	(SA-10)	HC	NEW CALEDONIA	(O-32)	FK8	TONGA (Friendly) ISLANDS	(O-32)	VR5
EGYPT	(AF-34)	SU	NEWFOUNDLAND	(NA-5)	VO	TRANSJORDAN	(A-20)	ZC1
ELLICE ISLANDS	(O-31)	VR1	NEW GUINEA, Netherlands	(O-28)	PK6	TRIESTE	(E-15)	AG2 & MF2
ENGLAND	(E-14)	G	NEW GUINEA, Territory of	(O-28)	VK6	TRINIDAD & TOBAGO	(SA-9)	VP4
ERITREA	(AF-37)	M13	NEW HEBRIDES	(O-32)	FU8, YJ	TRISTAN da CUNHA & COUGH ISLAND	(AF-38)	ZD9
ETHIOPIA	(AF-37)	ET	NEW ZEALAND	(O-32)	ZL	TUNISIA	(AF-33)	3V8
FAEROES, The	(E-14)	OY	NICARAGUA	(NA-7)	YN	TURKEY	(A-20)	TA
FALKLAND ISLANDS	(SA-13)	VP8	NORTHERN IRELAND	(E-14)	GI	TURKS & CAICOS ISLANDS	(NA-8)	VP5
FANNING ISLAND	(O-31)	VR3	NORWAY	(E-14)	LA	UGANDA	(AF-37)	VQ5
FIJI ISLANDS	(O-32)	VR2	NYASALAND	(AF-37)	ZD6	UNION OF SOUTH AFRICA	(AF-38)	ZS
FINLAND	(E-15)	OH	OKINAWA	(A-25)	KR6	UNITED STATES of AMERICA	(NA-3, 4, 5)	W, K
FRANCE	(E-14)	F	OMAN	(A-21)	MP4	URUGUAY	(SA-13)	CX
FRENCH-AUSTRIA	(E-15)	FKS	PAKISTAN	(A-21, 22)	AP	VATICAN CITY	(E-15)	HV
FR. EQUATORIAL AFRICA	(AF-36)	FQ8	PANAMA	(NA-7)	HP	VENEZUELA	(SA-9)	YV
FRENCH INDIA	(A-22)	FN	PAPUA TERRITORY	(O-28)	VK9	VIRGIN ISLANDS	(NA-8)	KV4
FRENCH INDO-CHINA	(A-26)	F18	PARAGUAY	(SA-11)	ZP	WAKE ISLAND	(O-31)	KW6
FRENCH OCEANIA	(O-32)	FO8	PERU	(SA-10)	OA	WALES	(E-14)	GW
FRENCH WEST AFRICA	(AF-35)	FF8	PHILIPPINE ISLANDS	(O-27)	DU	WINDWARD ISLANDS	(NA-8)	VP2
GAMBIA	(AF-35)	ZD3	PITCAIRN ISLAND	(O-32)	VR6	YUGOSLAVIA	(E-15)	YT, YU
GERMANY	(E-14)	DL	POLAND	(E-15)	SP	ZANZIBAR	(AF-37)	VQ1
GIBRALTAR	(E-14)	ZB2	PORTUGAL	(E-14)	CT1			
GILBERT ISLANDS	(O-31)	VR1	PUERTO RICO	(NA-8)	KP4			
GOA (Portuguese India)	(A-22)	CR8	REUNION ISLAND	(AF-39)	FR8			
GOLD COAST	(AF-35)	ZD4						
GREECE	(E-20)	SV						
GREENLAND	(NA-40)	OX						

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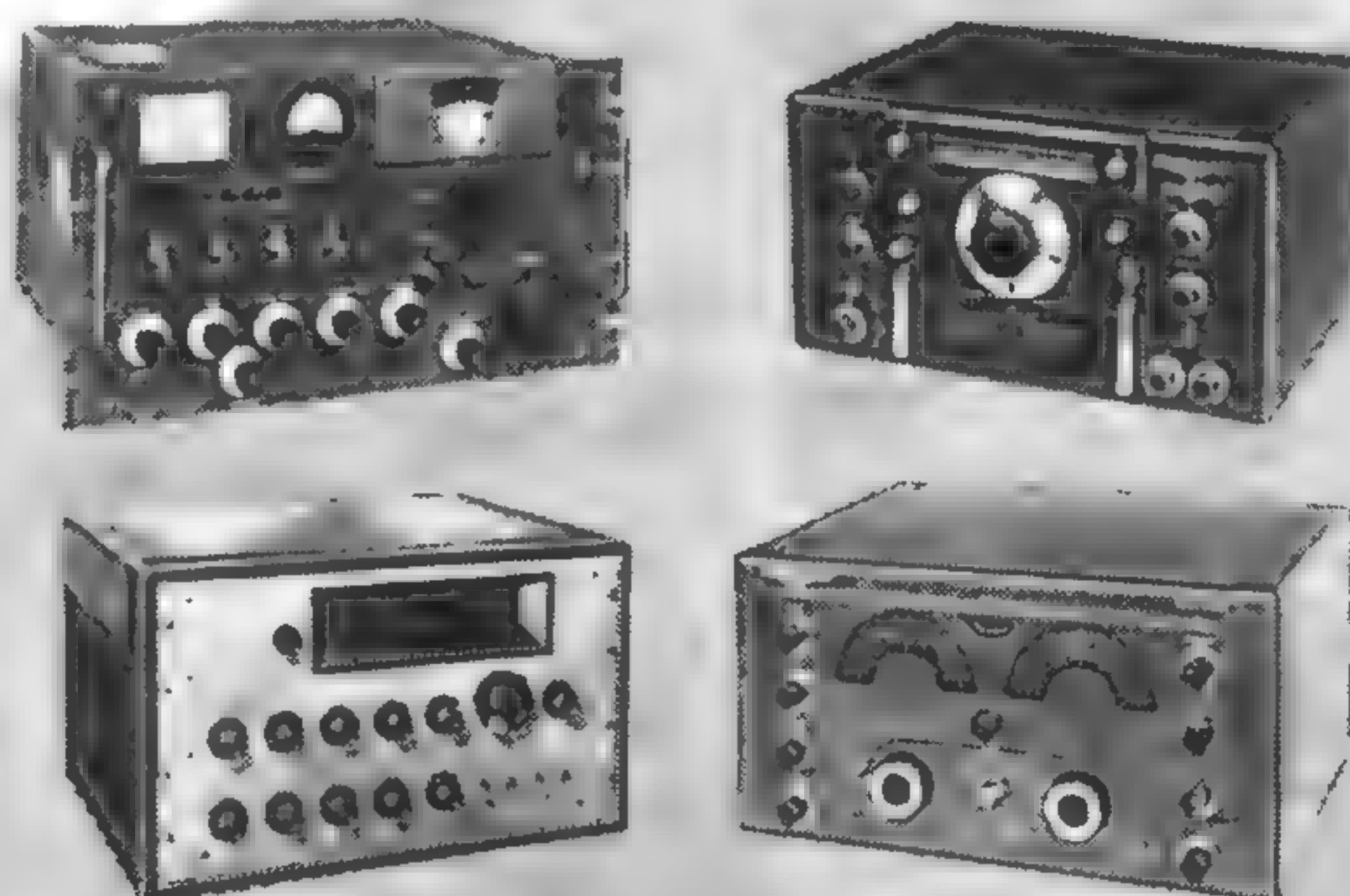
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# POSTAL INFORMATION

The following table shows the postal rates for QSL cards, first class letters and air mail to the United States Possessions and foreign countries. There is on sale at Government Post Offices, an air-letter sheet which folds into the form of an envelope, with printed postage stamp and air mail markings. Air-letter sheets are sold for ten cents each and may be sent to all foreign countries. No enclosures are permitted. Air-letter sheets may not be registered. The first class rates show the rate for the first ounce. Add three cents each for each additional ounce or fraction. The air mail rates are for each half ounce except where indicated. Effective January 1, 1952 the postal rate for QSL cards in the U. S. and possessions is two cents.

COUNTRY	QSL cards	First class	Air mail	COUNTRY	QSL cards	First class	Air mail	COUNTRY	QSL cards	First class	Air mail
ADEN	\$.03	\$.05	\$.25	FRENCH OCEANIA	.03	.05	.25	NORWAY	-.03	.05	.15
AFGHANISTAN	-.03	.05	.25	FRENCH SOMALILAND	-.03	.05	.25	NYASALAND	-.03	.05	.25
ALASKA	.02	.03	.06*	FRENCH SUDAN	-.03	.05	.25	OKINAWA	-.03	.05	.25
ALBANIA	-.03	.05	.15	FRENCH TOGO	-.03	.05	.25	PAKISTAN	-.03	.05	.25
ALGERIA	-.03	.05	.15	GAMBIA	-.03	.05	.25	PANAMA	-.02	.03	.10
ANDORRA	-.02	.30	.15	GERMANY	-.03	.05	.15	PAPUA	-.03	.05	.25
ANGLO-EGYPTIAN SUDAN	-.03	.05	.25	GIBRALTAR	-.03	.05	.15	PARAGUAY	-.02	.03	.10
ANGOLA	-.03	.05	.25	GILBERT & ELICE IS.	-.03	.05	.25	PERU	-.02	.03	.10
ANGUILLA	-.03	.05	.10	GOLD COAST COLONY	-.03	.05	.25	PHILIPPINE IS.	-.02	.03	.25
ANTIGUA	-.03	.05	.10	GREECE	-.03	.05	.15	POLAND	-.03	.05	.15
ARGENTINA	-.02	.03	.10	GRENADA, BWI	-.03	.05	.10	PORTUGAL	-.03	.05	.15
ARUBA	-.03	.05	.10	GRENADINES, BWI	-.03	.05	.10	PORT. EAST AFRICA	-.03	.05	.25
AUSTRALIA	-.03	.05	.25	GUADELOUPE	-.03	.05	.10	PORTUGUESE GUINEA	-.03	.05	.25
AUSTRIA	-.03	.05	.15	GUAM	-.02	.03	.06*	PORTUGUESE INDIA	-.03	.05	.25
AZORES	-.03	.05	.15	GUATEMALA	-.02	.03	.10	PORTUGUESE TIMOR	-.03	.05	.25
BAHAMAS	-.03	.05	.10	HAITI	-.02	.03	.10	PORTUGUESE W. AFRICA	-.03	.05	.25
BAHREIN ISLANDS	-.03	.05	.25	HAWAII	-.02	.03	.06*	PUERTO RICO	-.02	.03	.06*
BALEARIC ISLANDS	-.02	.03	.15	HONDURAS	-.02	.03	.10	REDONDA, BWI	-.03	.05	.10
BALUCHISTAN	-.03	.05	.25	HONG KONG	-.03	.05	.25	REUNION ISLAND	-.03	.05	.25
BARBADOS	-.03	.05	.10	HUNGARY	-.03	.05	.15	RIO DE ORO	-.02	.03	.25
BARBUDA	-.03	.05	.10	ICELAND	-.03	.05	.15	ROMANIA	-.03	.05	.15
BECHUANALAND	-.03	.05	.25	INDIA	-.03	.05	.25	RYUKYU ISLANDS	-.03	.05	.25
BELGIAN CONGO	-.03	.05	.25	INDONESIA	-.03	.05	.25	ST CHRISTOPHER, BWI	-.03	.05	.10
BELGIUM	-.03	.05	.15	IRAN	-.03	.05	.25	ST HELENA	-.03	.05	.25
BERMUDA	-.03	.05	.10	IRAQ	-.03	.05	.25	ST KITS, BWI	-.03	.05	.10
BOLIVIA	-.02	.03	.10	ITALY	-.03	.05	.15	ST LUCIA, BWI	-.03	.05	.10
BRAZIL	-.02	.03	.10	ITALIAN SOMALILAND	-.03	.05	.25	ST PIERRE & MIQUELON	-.03	.05	.08*
BRITISH CAMEROONS	-.03	.05	.25	IVORY COAST	-.03	.05	.25	ST VINCENT, BWI	-.03	.05	.10
BRITISH GUIANA	-.03	.05	.10	JAMAICA	-.03	.05	.10	SALVADOR	-.02	.03	.10
BRITISH HONDURAS	-.03	.05	.10	JAPAN	-.03	.05	.25	SAMOA (Br.)	-.03	.05	.25
BRITISH SOMALILAND	-.03	.05	.25	JORDAN	-.03	.05	.25	SAN MARINO	-.03	.05	.15
BR. VIRGIN ISLANDS	-.03	.05	.10	KENYA & UGANDA	-.03	.05	.25	SARAWAK	-.03	.05	.25
BRUNEI	-.03	.05	.25	KOREA	-.03	.05	.25	SAUDI ARABIA	-.03	.05	.25
BULGARIA	-.03	.05	.15	LABUAN	-.03	.05	.25	SCOTLAND	-.03	.05	.15
BURMA	-.03	.05	.25	LATVIA	-.03	.05	.15	SENEGAL	-.03	.05	.25
CANADA	.02	.03	.06*	LEBANON	-.03	.05	.25	SIAM	-.03	.05	.25
CANAL ZONE	-.02	.03	.06*	LIBERIA	-.03	.05	.25	SIERRA LEONE	-.03	.05	.25
CANARY ISLANDS	-.02	.03	.25	LIBYA	-.03	.05	.15	SOLOMON ISLANDS	-.03	.05	.25
CANTON ISLAND	-.02	.03	.06*	LIECHENSTEIN	-.03	.05	.15	SOMALIA	-.03	.05	.25
CAPE VERDE ISLANDS	-.03	.05	.25	LITHUANIA	-.03	.05	.15	SOUTHERN RHODESIA	-.03	.05	.25
CEYLON	-.03	.05	.25	LUXEMBOURG	-.03	.05	.15	SOUTHWEST AFRICA	-.03	.05	.25
CHILE	-.02	.03	.10	MACAO	-.03	.05	.25	SPAIN	-.02	.03	.15
CHINA	-.03	.05	.25	MADAGASCAR	-.03	.05	.25	SPANISH GUINEA	-.03	.05	.25
COLOMBIA	-.02	.03	.10	MADEIRA ISLANDS	-.03	.05	.15	STRAIT SETTLEMENTS	-.03	.05	.25
COOK ISLANDS	-.03	.05	.25	MALAY STATES	-.03	.05	.25	SURINAM	-.03	.05	.10
CORSICA	-.03	.05	.15	MALTA	-.03	.05	.15	SWEDEN	-.03	.05	.15
COSTA RICA	-.02	.03	.10	MANCHURIA	-.03	.05	.25	SWITZERLAND	-.03	.05	.15
CUBA	-.02	.03	.08	MARTINIQUE	-.03	.05	.10	SYRIA	-.03	.05	.25
CURACAO	-.03	.05	.10	MAURITANIA	-.03	.05	.25	TAIWAN (Formosa)	-.03	.05	.25
CYPRUS	-.03	.05	.25	MAURITIUS	-.03	.05	.25	TANGANYIKA	-.03	.05	.25
CYRENAICA	-.03	.05	.15	MEXICO	-.02	.03	.06*	TIBET	-.03	.05	.25
CZECHOSLOVAKIA	-.03	.05	.15	MIDWAY ISLAND	-.02	.03	.06*	TONGA ISLANDS	-.03	.05	.25
DAHOMEY	-.03	.05	.25	MONACO	-.03	.05	.15	TRIESTE	-.03	.05	.15
DENMARK	-.03	.05	.15	MONTSERRAT, BWI	-.03	.05	.10	TRINIDAD	-.03	.05	.10
DODECANESE IS.	-.03	.05	.15	MOROCCO, (Br. & Fr.)	-.03	.05	.15	TRIPOLITANIA	-.03	.05	.15
DOMINICA	-.03	.05	.10	MOROCCO, (Spain)	-.02	.03	.15	TRISTAN DA CUNHA	-.03	.05	.25
DOMINICAN REPUBLIC	-.02	.03	.10	MOZAMBIQUE	-.03	.05	.25	TUNISIA	-.03	.05	.15
ECUADOR	-.02	.03	.10	NAURU ISLAND	-.03	.05	.25	TURKEY	-.03	.05	.15
EGYPT	-.03	.05	.15	NETHERLANDS	-.03	.05	.15	TURKS ISLAND	-.03	.05	.10
EIRE (Ireland)	-.03	.05	.15	NETHERLANDS INDIES	-.03	.05	.25	UGANDA	-.03	.05	.25
ENGLAND	-.03	.05	.15	NEVIS	-.03	.05	.10	UNION OF SOUTH AFRICA	-.03	.05	.25
ERITREA	-.03	.05	.25	NEW CALEDONIA	-.03	.05	.25	URUGUAY	-.02	.03	.10
ESTONIA	-.03	.05	.15	NEWFOUNDLAND	-.02	.03	.06*	U.S.S.R.	-.03	.05	.15
ETHIOPIA	-.03	.05	.25	NEW GUINEA	-.03	.05	.25	U. S. VIRGIN IS.	-.02	.03	.06*
FALKLAND ISLANDS	-.03	.05	.10	NEW HEBRIDES	-.03	.05	.25	VATICAN CITY	-.03	.05	.15
FAEROES ISLANDS	-.03	.05	.15	NEW ZEALAND	-.03	.05	.25	VENEZUELA	-.02	.03	.10
FIJI ISLANDS	-.03	.05	.25	NICARAGUA	-.02	.03	.10	WAKE ISLAND	-.02	.03	.06*
FINLAND	-.03	.05	.15	NIGER	-.03	.05	.25	YEMEN	-.03	.05	.25
FRANCE	-.03	.05	.15	NIGERIA	-.03	.05	.25	YUGOSLAVIA	-.03	.05	.15
FRENCH CAMEROONS	-.03	.05	.25	NORTH BORNEO	-.03	.05	.25	ZANZIBAR	-.03	.05	.25
FRENCH EQ. AFRICA	-.03	.05	.25	NORTHERN IRELAND	-.03	.05	.15				
FRENCH GUIANA	-.03	.05	.10	NORTHERN RHODESIA	-.03	.05	.25				
FRENCH GUINEA	-.03	.05	.25								
FRENCH INDO-CHINA	-.03	.05	.25								
F											

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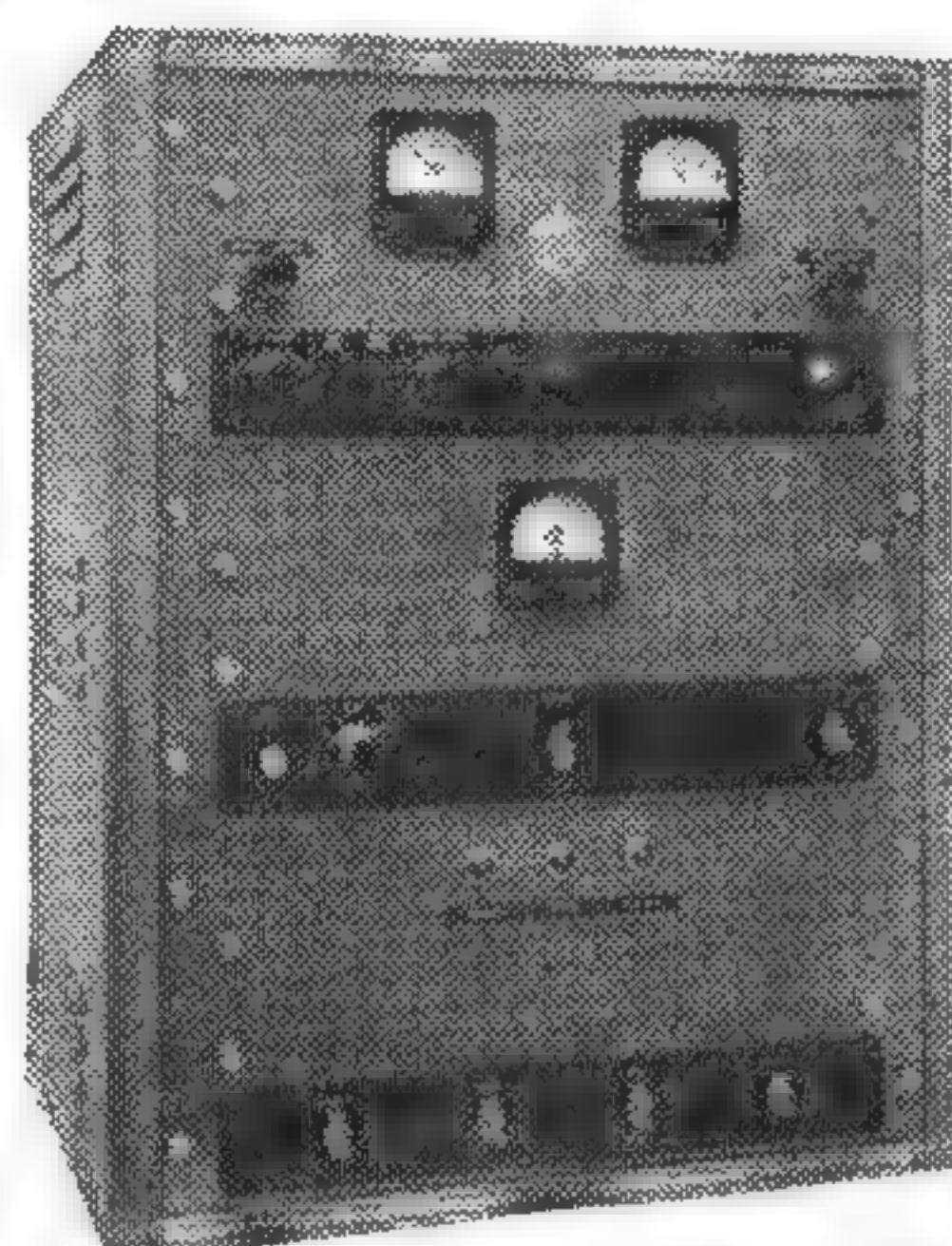
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Per Dollar

Our newest model with increased power — 420 watts Phone, 420 watts CW. Incorporates some of the latest TVI protective features. Efficient performance on all bands — 10 to 160 on phone and CW. Provisions for ECO. Complete with tubes, meters, and one set of coils.

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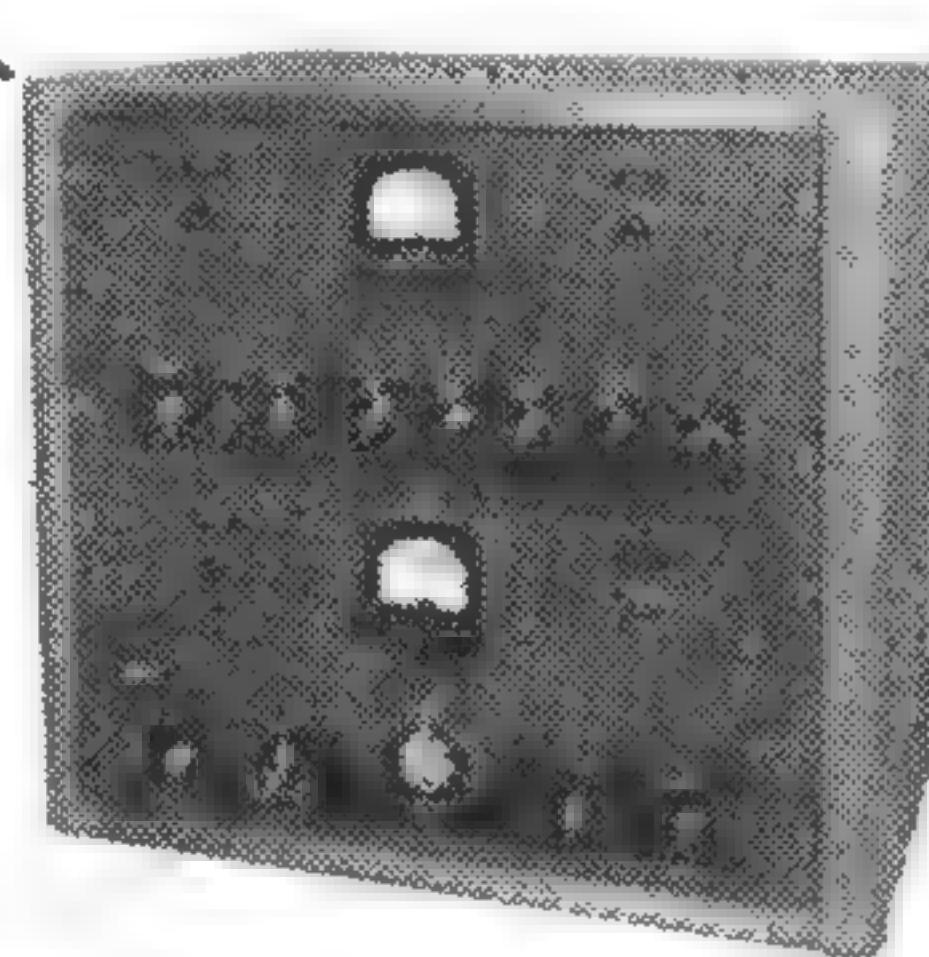
**E-Z PAYMENTS**

## WRL 165 WATT GLOBE CHAMPION TRANSMITTER

MORE WATTS  
PER DOLLAR

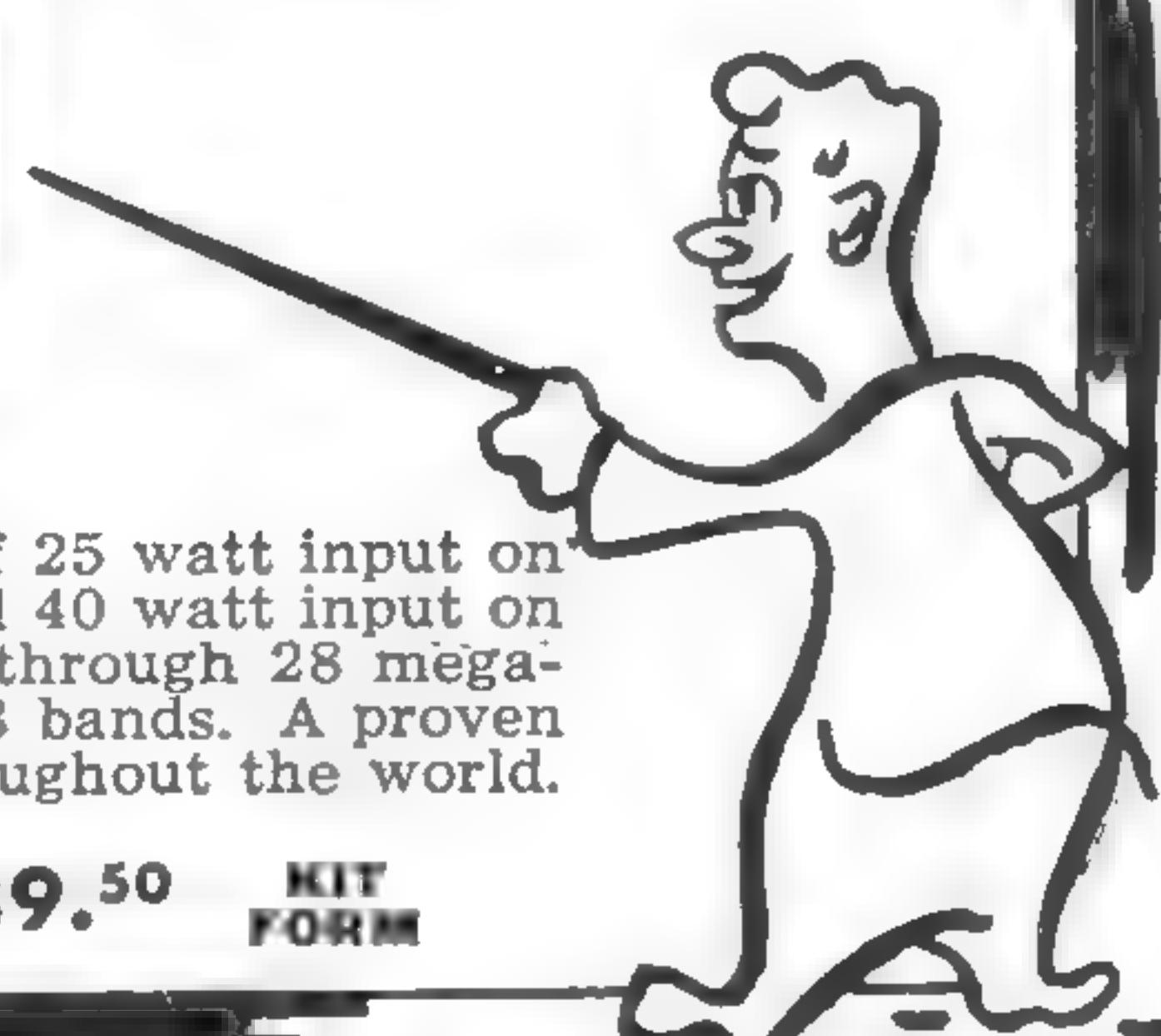
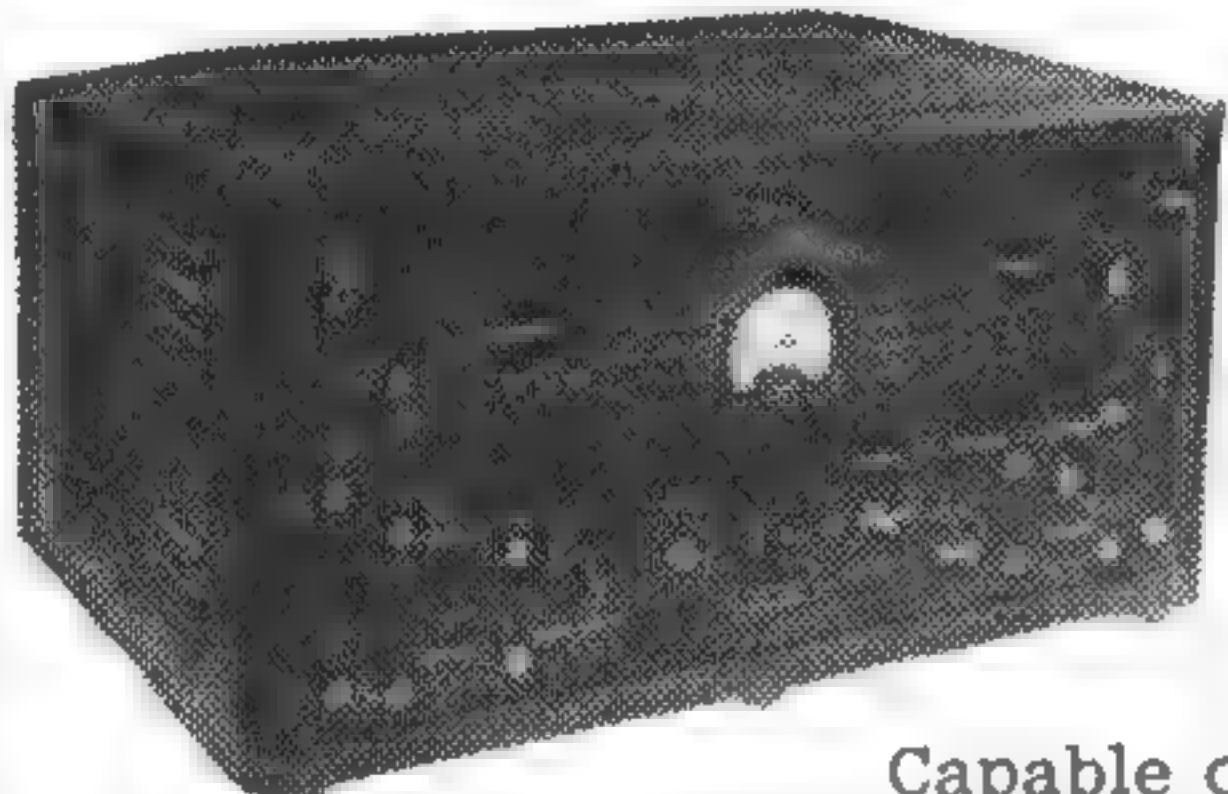
R.F. Section a complete 165 watt XMTR. Provisions for ECO. Automatic fixed bias on Final and Buffer. Class B Speech Modulator. 165 watt input — 10 thru 160 meter bands. Complete with tubes, meters and one set of coils.

**KIT FORM** **WIRED**  
**\$329.50** **\$349.50**  
Low Down Payment



**LOW DOWN PAYMENTS**

## WRL "40" TROTTER TRANSMITTER



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# Great Circle Chart of the World Centered on THE UNITED STATES



To find the great circle bearing to any point in the world from the center of the United States, draw a straight line from the star and note the reading in degrees on the outer scale. The bar scale at the bottom of the chart can be used to determine the distance in statute miles. For bearings to the nearest degree reference is invited to the table on the opposite Page. The outlines of this chart were prepared by the U.S. Coast and Geodetic Survey.

# GREAT CIRCLE BEARINGS


FROM THE CENTER OF THE

# UNITED STATES


The table below shows the great circle bearing in degrees from the exact center of the United States to countries throughout the world having licensed radio amateurs. Where cities are shown the bearing to the nearest degree is given. These bearings were compiled from information supplied by the U. S. Coast and Geodetic Survey.

Prefix	Country	Bearing	Prefix	Country	Bearing	Prefix	Country	Bearing
AC3	SIKKIM	352	KL7	ALASKA, Anchorage	322	VK3	Melbourne	250
AC4	TIBET, Lhasa	350		Fairbanks	329	VK4	Brisbane	257
AG2	TRIESTE	41	KMG	MIDWAY ISLAND	288	VK5	Darwin	287
AP	PAKISTAN, Karachi	13	KP4	PUERTO RICO	117	VK6	Perth	274
AR8	LEBANON, Beyrouth	36	KP6	PALMYRA ISLAND	256	VK7	TASMANIA, Hobart	243
C	CHINA, Chungking	335	KRG	OKINAWA ISLAND	318	VK9	NORFOLK ISLAND	248
	Pekin	333	KS4	SWAN ISLAND	144		PAPUA TERRITORY, Port Moresby	277
	Shanghai	325	KS6	SAMOA	248	VO	NEWFOUNDLAND, St. John's	59
CE	CHILE, Santiago	156	KV4	VIRGIN ISLANDS	115	VP1	BRITISH HONDURAS	152
CM	CUBA, Havana	135	KW6	WAKE ISLAND	287	VP2	LEEWARD and WINDWARD ISLANDS	112
CN8	FRENCH MOROCCO, Casablanca	62	KX6	MARSHALL ISLANDS	276	VP3	BRITISH GUIANA, Georgetown	120
CP	BOLIVIA, La Paz	146	KZ5	CANAL ZONE	145	VP4	TRINIDAD	120
CR4	CAPE VERDE ISLANDS	87	LA	NORWAY, Oslo	29	VP5	JAMAICA	127
CR5	PORTUGUESE GUINEA	84	LI	LIBYA, Tripoli	51	VP6	BARBADOS ISLANDS	112
CR6	ANGOLA, Nova Lisboa	83	LU	ARGENTINA, Buenos Aires	147	VP7	BAHAMAS ISLANDS	121
CR7	MOZAMBIQUE, Lourenco Marques	85	LX	LUXEMBOURG	42	VP8	FALKLAND ISLANDS	156
	Mozambique	65	LZ	BULGARIA, Sofia	38		South Georgia Island	147
CR8	GOA	7	MB9	AUSTRIA, Vienna	38		South Orkney Islands	155
CR9	MACAU	327	MD1	CIRENAICA	46	VP9	BERMUDA	94
CR10	TIMOR ISLAND	295	MD2	TRIPOLITANIA	51	VQ1	ZANZIBAR	51
CT1	PORTUGAL, Lisbon	59	MD3	ERITREA, Asmara	44	VQ2	NORTHERN RHODESIA, Lusaka	77
CT2	AZORES ISLANDS	67	MD4	BRITISH SOMALILAND	40	VQ3	TANGANYIKA, Dar-Es-Salaam	59
CT3	MADERIA ISLANDS	68	MD5	SUEZ CANAL ZONE	40	VQ4	KENYA, Nairobi	56
CX	URUGUAY, Montevideo	145	MD6	IRAQ, Baghdad	30	VQ5	UGANDA	59
DL	GERMANY, Berlin	37	MD7	CYPRUS	37	VQ6	BRITISH SOMALILAND	40
DU	PHILIPPINE ISLANDS, Manila	316	MF2	TRIESTE (British)	41	VQ8	CHAGOS ISLANDS	14
EA	SPAIN, Madrid	54	M13	ERITREA, Asmara	44		Mauritius	51
EA6	BALEARIC ISLANDS	52	MP4	BAHREIN ISLANDS and OMAN	28	VQ9	SEYCHELLES	38
EA8	CANARY ISLANDS	71	OA	PERU, Lima	153	VR1	GILBERT ISLANDS	267
EA9	SPANISH MOROCCO	59	OH	FINLAND, Helsinki	25	VR2	FIJI ISLANDS	251
EI	IRELAND, Dublin	43	OE	AUSTRIA, Vienna	38	VR3	FANNING ISLAND	252
EKI	TANGIER ZONE	60	OK	CZECHOSLOVAKIA, Prague	38	VR4	SOLOMON ISLANDS	270
EL	LIBERIA, Monrovia	86	ON	BELGIUM, Brussels	41	VR5	TONGA ISLANDS	244
EP	IRAN, Tehran	23	EQ5	BELGIAN CONGO, Elisabethville	74	VR6	PITCAIRN ISLAND	208
ET	ETHIOPIA, Addis Ababa	48		Leopoldville	76	VS	MALAYA, Singapore	326
F	FRANCE, Paris	44		Stanleyville	65	VS4	BRITISH NORTH BORNEO	314
FA	ALGERIA, Algiers	54	OX	GREENLAND, Godthaab	34	VS5	BRUNEI and SARAWAK	316
FB8	MADAGASCAR, Antsirana	53	QY	FAEROES ISLANDS	34	VS6	HONG KONG	326
	Tanararive	63	OZ	DENMARK, Copenhagen	34	VS7	CEYLON	1
FC	CORSICA	46	PA	NETHERLANDS, Amsterdam	40	VS9	ADEN, Aden	39
FD8	TOGO LAND	77	PK	JAVA, Batavia	317	VU	INDIA, Bombay	8
FE8	FRENCH CAMEROONS	72	PK4	SUMATRA	328		Calcutta	351
FF8	FRENCH WEST AFRICA, Dakar	84	PK5	BORNEO	314		Delhi	3
FG8	GUADELOUPE	114	PK6	CELEBES ISLAND	305	VU4	LACCDIVE ISLANDS	9
FI8	FRENCH INDO CHINA, Saigon	328	PK7	NETHERLAND NEW GUINEA	290	VU5	ANDAMAN ISLANDS	345
FK8	NEW CALEDONIA, Noumea	254	PX	ANDORRA	50	XE	MEXICO, Mexico City	178
FL8	FRENCH SOMALILAND, Djibouti	42	PY	BRAZIL, Natal	112	XZ	BURMA, Rangoon	342
FM8	MARTINIQUE	117		Rio de Janeiro	129	YA	AFGHANISTAN, Kandahar	13
FO8	FRENCH OCEANIA, Tahiti	229	PZ	SURINAM, (Netherland Guiana)	121	YI	IRAQ, Baghdad	30
FP8	MIQUELON and ST. PIERRE IS.	64	SM	SWEDEN, Stockholm	29	YJ	NEW HEBRIDES	260
FQ8	FRENCH EQUATORIAL AFRICA	65	SP	POLAND, Warsaw	33	YK	SYRIA	34
FR8	REUNION ISLAND	55	ST	ANGLO-EGYPTIAN SUDAN, Khartoum	49	YN	NICARAGUA	150
FT4	TUNISIA, Tunis	50	SU	EGYPT, Cairo	41	YO	ROMANIA, Bucharest	36
FU8	NEW HEBRIDES	259	SV	GREECE, Athens	41	YS	SALVADOR, San Salvador	156
FY8	FRENCH GUIANA, Cayenne	117	SV5	DODECANESE ISLANDS	40	YT	YUGOSLAVIA, Belgrade	39
G	ENGLAND, London	43	TA	TURKEY, Ankara	35	YV	VEZUELA, Caracas	126
GC	CHANNEL ISLANDS	45	TF	ICELAND, Reykjavik	35	ZA	ALBANIA, Tirana	41
GD	ISLE OF MAN	41	TG	GUATEMALA, Guatemala City	161	ZB1	MALTA	48
GI	NORTHERN IRELAND, Belfast	42	TI	COSTA RICA	150	ZB2	GIBRALTAR	58
GM	SCOTLAND, Glasgow	40	TR	LIBYA, Tripoli	51	ZC1	TRANSJORDAN	36
GW	WALES	43	TT	TANNU TUVA, Kyzyl Khoto	351	ZC2	COCON ISLANDS	327
HA	HUNGARY, Budapest	37	U	SOVIET UNION, Moscow	23	ZC3	CHRISTMAS ISLAND	315
HB	SWITZERLAND, Bern	43	UB5	UKRAINE	30	ZC4	CYPRUS	37
HC	ECUADOR, Quito	148	UC5	WHITE RUSSIA	25	ZD1	SIERRA LEONE, Freetown	81
HC8	GALAPAGOS ISLANDS	167	UDG	AZERBAIJAN	23	ZD2	NIGERIA, Lagos	76
HE1	LEICHTENSTEIN	43	UF6	GEORGIA	28	ZD3	GAMBIA	84
HH	HAITI, Port-au-Prince	124	UG6	ARMENIA	26	ZD4	GOLD COAST, Accra	80
HI	DOMINICAN REPUBLIC	122	UH8	TURKOMAN	19	ZD6	NYASALAND	69
HK	COLOMBIA, Bogota	140	UI8	UZBEK	12	ZD7	ST. HELENA	100
HLI	KOREA, Seoul	324	UJ8	TADZHIK	7	ZD8	ASENCION ISLAND	99
HP	PANAMA	145	ULT	KAZAKH	10	ZD9	TRISTAN da CUNHA	122
HR	HONDURAS	152	UM8	KIRGHIZ	5	ZE	SOUTHERN RHODESIA, Salisbury	77
HS	SIAM, Bangkok	336	UN1	KARELO-FINNISH REPUBLIC	20	ZK1	COOK ISLANDS	234
HV	VATICAN CITY	45	UO5	MOLDAVIA	32	ZK2	NIUE	242
HZ	SAUDI ARABIA	34	UP	LITHUANIA	30	ZL1	NEW ZEALAND, Auckland	238
I	ITALY, Rome	45	UQ	LATVIA	29	ZL2	Wellington	234
IS	SARDINIA	48	UR	ESTONIA	27	ZL3	Christchurch	233
JA	JAPAN, Tokyo	315	VE1	CANADA, Halifax	68	ZL4	Dunedin	231
KB6	BAKER ISLAND	262	VE2	Montreal	64	ZM6	SAMOA (British)	248
KC6	CAROLINE ISLANDS	260	VE3	Toronto	77	ZP	PARAGUAY, Asuncion	141
KG4	GUANTANAMO BAY, Cuba	126	VE4	Winnipeg	10	ZS	UNION OF SOUTH AFRICA, Capetown	104
KG6	GUAM	297	VE5	Saskatoon	339		Durban	91
KG61	IWO JIMA ISLAND	317	VE6	Edmonton	330		Johannesburg	89
KG6S	SAIPAN ISLAND	297	VE7	Vancouver	308	ZS3	SOUTH WEST AFRICA, Windhoek	92
KG6T	TINIAN ISLAND	297	VE8	Fort Nelson	333	ZS7	SWAZILAND	87
KH6	HAWAIIAN ISLANDS, Honolulu	267	VKI	HEARD ISLAND	163	ZS8	BASUTOLAND	93
KJ6	JOHNSTON ISLAND	270	VK2	AUSTRALIA, Sydney	252	ZS9	BECHUANALAND	87

# WORLD MAP SHOWING



# RADIO AMATEUR PREFIXES

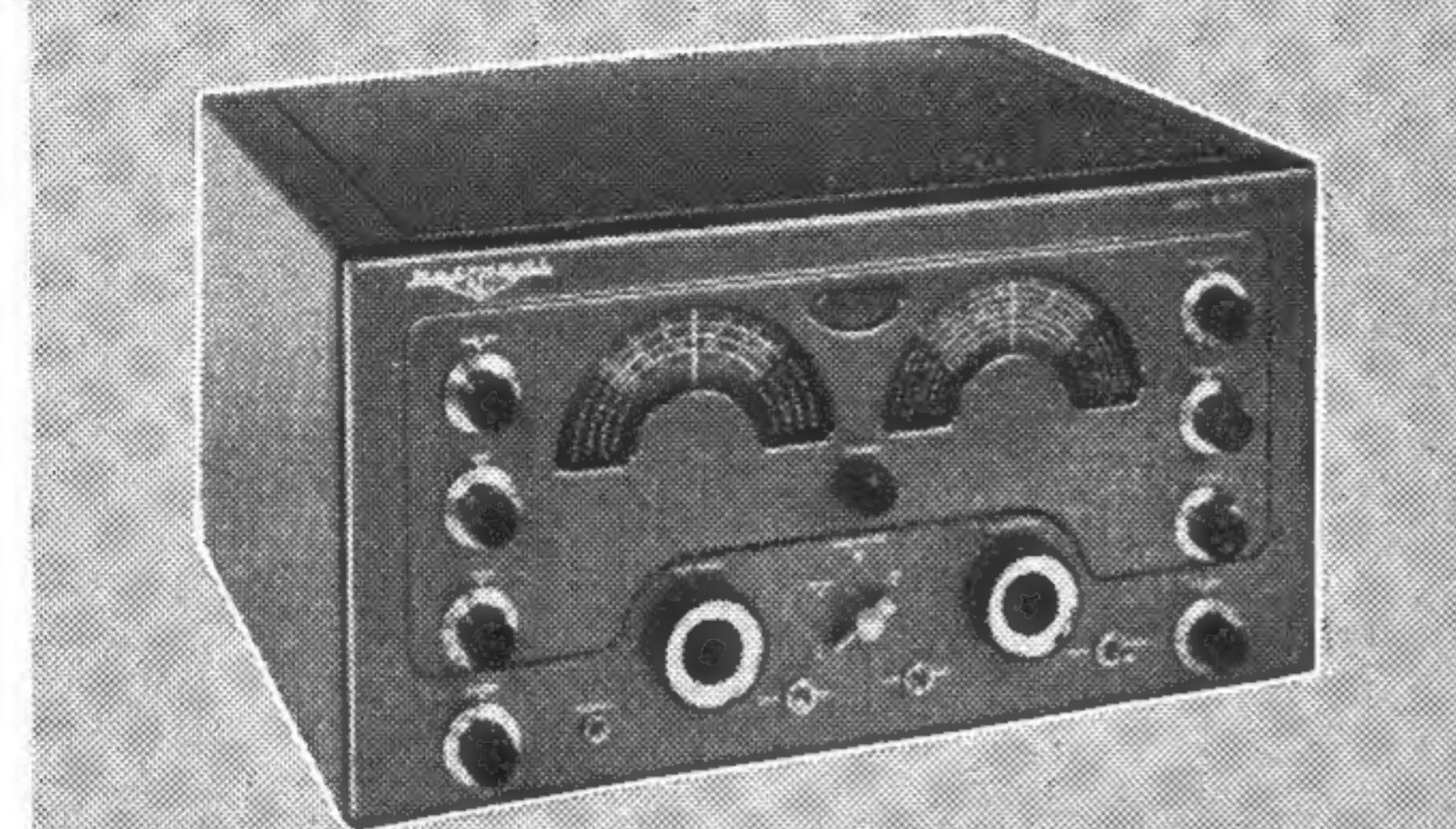


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